



**EMME ANTINCENDIO**  
***A LIFE IN THE SERVICE OF SAFETY***





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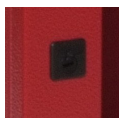
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# FIRE SERVICE

## SUITABLE FOR EXTINGUISHERS KG 6



Dim. Mm 325x270x600H Door suitable for pane 220x520H



Cabinet with PVC lock sealable with security seal

CODE	SPECIFICATIONS	PRICE
0921A	Red Steel RAL 3000	
0922A	Stainless steel AISI 304	
9460	Breakable pane Safe Window	
9460sw	Smoked pane Safe Window	

## SUITABLE FOR EXTINGUISHERS

Dim. Mm 325x270x800H



Cabinet with PVC lock sealable with security seal

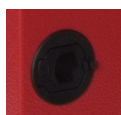


CODE	SPECIFICATIONS	PRICE
0923A	Red Steel RAL 3000	
0924A	Stainless steel AISI 304	
9461	Breakable pane Safe Window	
9461sw	Smoked pane Safe Window	

## SUITABLE FOR EXTINGUISHERS KG 6



Dim. Mm 325x270x600H Door suitable for pane 179x179H not included



Cabinet with PVC lock sealable with security seal

CODE	SPECIFICATIONS	PRICE
0925A	Red Steel RAL 3000	
0926A	Stainless steel AISI 304	
9194	Transparent shatterproof pane	

## SUITABLE FOR EXTINGUISHERS KG 5/9/12

Dim. Mm 325x270x800H Door suitable for pane 179x179H not included



Cabinet with PVC lock sealable with security seal

CODE	SPECIFICATIONS	PRICE
0927A	Red Steel RAL 3000	
0928A	Stainless steel AISI 304	
9194	Breakable pane Safe Window	



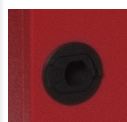
"LUXURY" series extinguisher cabinet for 2 portable fire extinguishers. The LUXURY series is characterised by high-quality finishings with rounded edges to prevent accidental cuts. With double inspection window easy inspectioning

Cabinet lockable with cylinder key and provided with key casing with breakable pane



CODE	SPECIFICATIONS	PRICE
9257	6 kg Dim. 550x220x640H	
1952	5/9/12 kg Dim. 560x240x780H	

"LUXURY" series extinguisher cabinet for portable extinguishers. The LUXURY series features special Red RAL3000 painting with textured effect With inspection window. easy inspectioning.



Cabinet with PVC lock sealable with security seal



CODE	SPECIFICATIONS	PRICE
9251	6 kg Dim. 340x235x640H	
9252	5/9/12 kg Dim. 240x235x775H	



## SUITABLE FOR EXTINGUISHERS KG 6



For indoor/  
outdoor use



Excellent resistance to weather,  
internal fastening ring

CODE	SPECIFICATIONS	PRICE
1668	Dim. Mm 335x240x620H	

## SUITABLE FOR EXTINGUISHERS KG 6

### ELEGANCE SERIES

Cabinet with strong transparent cover, able to protect the extinguisher from both external factors and vandalism. It has a quick opening thanks to the anti-panic handle with safety lock through the supplied seal.



CODE	SPECIFICATIONS	PRICE
9373	Dim. Mm 300x210x640H	

## SUITABLE FOR EXTINGUISHERS KG 5/9/12

For indoor/  
outdoor use



Excellent resistance to weather,  
internal fastening ring

CODE	SPECIFICATIONS	PRICE
1669	Dim. Mm 335x240x865H	

## SUITABLE FOR INSTALLATION ON VEHICLES



Safety ring for fastening the  
extinguisher to the structure of the



CODE	SPECIFICATIONS	PRICE
1435	Dim. Mm 310x250x610H	
1434	Dim. Mm 310x250x675H	

The extinguisher cabinets are made of top grade polypropylene using the injection moulding process. They have excellent mechanical strength, surface finishing, and dimensional accuracy. Resistant from -30 ° to 60 °, weatherproof, shockproof, and anti-aging.



### NEW PRODUCT

CODE	SPECIFICATIONS	PRICE
2549	1 Vertical brackets kit	
2549-1	2 Corner brackets 30°/60°	

## SUITABLE FOR EXTINGUISHERS KG 6



CODE	SPECIFICATIONS	PRICE
2536	Red Dim mm 265x280x595H	
2536-3	Black Dim. Mm 265x280x595H	



## METAL KEY CABINET Made of metal

With pane

Dim. 125x40x120H

CODE	PRICE
0949-1	

## POLYPROPYLENE KEY CABINET

With pane

Dim. 119x45x114H

CODE	PRICE
0949	



## POLYPROPYLENE CABINET UNI 45

With hose protection saddle  
Transparent door

CODE	SPECIFICATIONS	PRICE
1033-1	Dim. 360x200x560H	

## POLYPROPYLENE CABINET UNI 45

Breakable pane 330X405  
Safe Window not included



CODE	SPECIFICATIONS	PRICE
1033	Dim. 450x195x510H	

## POLYPROPYLENE FRAME



Breakable pane 330x405  
Safe Window not included

CODE	SPECIFICATIONS	PRICE
0998-1	UNI 45 Dim. 553x490x36H	

## IRON FRAME



Breakable pane not included  
for UNI 45 290x500  
for UNI 70 390x500

CODE	SPECIFICATIONS	PRICE
1365-2	UNI 45 Dim. 470x40x650H	
1365-4	UNI 70 Dim. 570x40x650H	

## MULTI-PURPOSE CABINET IN POLYPROPYLENE



Dim. Mm 616X735X270H  
weight 7,2 Kg



Can be customised with special dividers as needed. Weather resistant, resistant to cold (-30°C), anti-aging. Ideal for indoor and outdoor installations.

CODE	SPECIFICATIONS	PRICE
1668-1	With inspection window	
1668-2	With full door	
1668-3	With inspection window and 2 PPE shelves	





## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 45

Dim. mm 375x200x600H

Door suitable for pane 290x500H not included

CODE	SPECIFICATIONS	PRICE
0909A	Red Steel RAL 3000	
0910A	Stainless steel AISI 304	
2134	Stainless Steel AISI 304 Varnished Red RAL3000	
0886	Breakable pane Safe Window	
0886sw	Smoked pane Safe Window	



High Resistance sealable lock



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 70

Dim mm 500x255x680H

Door suitable for pane 400x570H not included

CODE	SPECIFICATIONS	PRICE
0911A	Red Steel RAL 3000	
0912A	Stainless steel AISI 304	
9464	Breakable pane Safe Window	
9464sw	Smoked pane Safe Window	



High Resistance sealable lock



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 45 WITH FULL DOOR

Dim. mm 375x200x600H

CODE	SPECIFICATIONS	PRICE
0917A	Red Steel RAL 3000	
0918A	Stainless steel AISI 304	

## METAL LOCKING PIN FOR CABINETS



CODE	PRICE
0200	

Minimum Pack 10 pcs.



## QUICK CHANGE CABINET



Dim. mm 375x200x600H



CODE	PRICE
0909ACR	

All cabinets are equipped with a closure sealable with a security seal thanks to the practical and convenient PVC lock, and with ventilation slots for an excellent preservation of the internal product



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 45 WITH ROUNDED EDGES

Frame suitable for pane 300x540H

Dim. 370x160x605H

CODE	DESCRIPTION	PRICE
1570	Red Cabinet UNI45	
9466	Breakable pane Safe Window	
9466sw	Smoked pane Safe Window	



## BUILT-IN CABINET FOR HYDRANT SYSTEM KIT 70

Frame suitable for pane 388x524H not included

Dim. 420x250x560H

CODE	DESCRIPTION	PRICE
0915	Galvanised Red	
0889	Breakable pane Safe Window	
0889sw	Smoked pane Safe Window	



## BUILT-IN CABINET FOR HYDRANT SYSTEM 45

Frame suitable for pane 347x535H not included

Dim. 360x150x560H

CODE	DESCRIPTION	PRICE
0913	Galvanised Red	
0888	Breakable pane Safe Window	
0888sw	Smoked pane Safe Window	



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM KIT 70 WITH FULL DOOR

Dim mm 500x255x680H

CODE	DESCRIPTION	PRICE
0919A	Red Steel RAL 3000	
0920A	Stainless steel AISI 304	



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 45 INSPECTION WINDOW (Dim. 217x120 Excluded)

Dim. mm 400x200x580H

CODE	PRICE
1149A	



## METAL CABINET FOR INDOOR AND OUTDOOR USE FOR HYDRANT SYSTEM 45 (UNI45) AND HYDRANT SYSTEM KIT 70 (UNI 70)

The Luxury Series is made of red textured painted steel with rounded edges to please the most demanding clients and guarantees safety against accidental cuts in accordance with DL81 / 08 and s.m.

CODE	SPECIFICATIONS	PRICE
9250	UNI45 dim. 420x220x532H	
9255	UNI70 dim. 500x250x680H	



LUXURY SERIES



## CABINET STANDS



N°	CODE	SPECIFICATIONS	PRICE
2	0950A	Cylindrical Red stand H 750mm support base	
1	0953A	Stainless Steel Cylindrical Stand H 750mm support base 300x150 mm	
3	1939	Red stand with double shaft with casing for reel	
-	9064	Red stand with double shaft, support base 500x250 mm	
-	1358	Stainless Steel Stand with double shaft H 810 mm support base 300x150 mm	
4	2066	Red stand with double casing, support base 300x150 mm e 500x250 mm	
-	2135	Stand in Stainless Steel AISI 304, Varnished Red RAL3000, Cylindrical H 750mm, support base 300x150 mm	

## PANES SAFE WINDOW

Panes Safe windows are certified and can be customized in any format as needed

DIMENSIONS	CODE BREAKABLE	PRICE	CODE SMOKED	PRICE
115X115H	0883	€8.80	0883SW	
179X179H	9194	€ 3,30	9194SW	
220X520H	9460	€ 19,20	9460sw	
220X720H	9461	€ 22.20	9461sw	
240X515H	0890	€ 20.20	0890SW	
240X715H	0891	€ 23,40	0891SW	
248X670H	0898	€ 25.20	0898SW	
252X465H	0899	€19.90	0899SW	
252X613H	0900	€ 22.00	0900SW	
290X500H	0886	€ 16,60	0886sw	
302X540H	9466	€ 23,10	9466sw	
305X515H	0901	€ 23,10	0901SW	
307X456H	1096	€ 25.20	1096SW	
320X540H	1569	€ 18.70	1569SW	
323X530H	0971	€ 23,40	0971SW	
328X535H	0902	€ 25.20	0902SW	
330X405H	0884	€ 22.00	0884SW	
336X515H	0903	€ 25.20	0903SW	
340X600H	0882	€ 25.20	0882SW	
346X810H	0881	€39.70	0881SW	
347X535H	0888	€ 24.70	0888sw	
358X800H	9462	€ 41.40	9462SW	

DIMENSIONS	CODE BREAKABLE	PRICE	CODE SMOKED	PRICE
388X524H	0889	€ 25.20	0889sw	
389X506H	0885	€ 35.90	0885SW	
400X570H	9464	€ 32.00	9464sw	
415X565H	0905	€32.70	0905SW	
420X570H	0887	€ 26,60	0887SW	
420X648H	0906	€32.70	0906SW	
425X575H	0907	€32.70	0907sw	
445X500H	0908	€32.70	0908SW	
475X730H	9463	€38.90	9463SW	
515X565H	1095	€ 38.00	1095SW	
515X970H	1097	€ 73.70	1097SW	
532X400H	1992	€ 25.20	1992SW	
545X361H	0894	€ 25.20	0894SW	
550X370H	1664	€ 21,50	1664SW	
590X590H	1940	€ 39,10	1940SW	
614X614H	0896	€43.40	0896SW	
640X590H	0895	€ 40,20	0895SW	
684X684H	0897	€ 45,60	0897SW	
732X440H	1993	€ 38.00	1993SW	
745X361H	0892	€ 38.00	0892SW	
915X455H	1994	€ 59.50	1994SW	
937X459H	0893	€ 59.50	0893SW	
1000X1000	0591	€ 128.00	0591SW	
217X120	2155	€6.40	/	
310X530	0592	€ 23,10	0592SW	
600X700	0589	€ 54.10	0589SW	
630X670	0593	€ 48.80	0593SW	

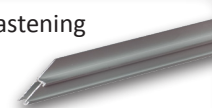
CODE	PRICE
0880	



Blade and frame designed for precision, carving and finishing of PLASTIC MATERIALS.  
Blister Cristal removable pack with tear-proof buttonhole  
The handle internal space has 2 spare blades.

frame in profiled aluminium Mt. 2,60 with fastening kit

CODE	PRICE
1089	



## STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE WITH DOORS SUITABLE FOR BREAKABLE PANES DIM. 358x800 NOT INCLUDED



CODE	SPECIFICATIONS	PRICE
0872A	Dim. 1000x400x1000H	
9462	Breakable pane Safe Window	

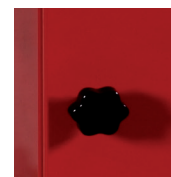
The metal cabinets are made of 10/10 metal sheet with rounded edges, epoxy oven painting Red RAL3000, pole closure with plastic and aluminum lock, earthing cable (where provided).

## STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE WITH DOOR SUITABLE FOR PANE DIM. 475X730 NOT INCLUDED



CODE	SPECIFICATIONS	PRICE
9470	Dim. 700x400x950H	
9,463	Breakable pane Safe Window	

## STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE WITH FULL DOOR IN SHEET METAL



High Resistance knob

CODE	SPECIFICATIONS	PRICE
0873	Dim. 590x300x650H	

## STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE



CODE	SPECIFICATIONS	PRICE
1346	Dim. 730x400x1600H	



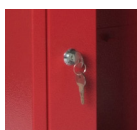
STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE



CODE	SPECIFICATIONS	PRICE
1325	Dim. 1075x500x1850H With 1 Full door and 1 Windowed door (pane 295x1500H)	
1325-1	Dim. 1075x500x1850H with 2 windowed doors (panes 295x1500H each)	
1325-2	Dim. 1075x500x1850H with 2 full doors	



STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE WITH DOOR AND PANE SAFE WINDOW NOT INCLUDED DIM. 336X515



Locking with cylinder Key

CODE	SPECIFICATIONS	PRICE
0875A	Dim. 500x260x700H	
0903	Breakable pane Safe Window	



METAL CABINET FOR SELF-CONTAINED BREATHING APPARATUS (SCBA) IN PAINTED CARBON STEEL COLOUR BLUE

SPECIFICATIONS	
Dim. 400x300x850H	
CODE	PRICE
6038	

STORAGE CABINET FOR FIREFIGHTING EQUIPMENT AND PPE



CODE	SPECIFICATIONS	PRICE
1321	Dim. 575x500x1850H with 1 windowed door (pane 295x1500H)	



**CUSTOMIZE YOUR PPE CABINET WITH THE ACCESSORIES AND CLOTHING MOST SUITABLE TO YOUR NEEDS**

## FIRE BLANKET



Characteristics: Fire blankets made of glass fibres.  
Certified according to EN 1869: 2007



Measurement	IN TUBE	PRICE	IN BAG	PRICE
900x900 mm	6171		-----	-----
1200x1800 mm	6172		6204	
1800x1800 mm	6173		-----	-----

## AXE FOR FIREFIGHTERS

Black forged steel axe, wooden handle, leather sheath with belt clip. Handle 370 mm.

Weight Kg. 1,500 (approx.)



CODE	PRICE
6185	

## LITTLE AXE WITH SHEATH

Black forged steel axe, wooden handle, leather sheath with belt clip. Handle 350 mm. Weight Kg. 0.900 (approx.)



CODE	PRICE
6227	

## BREAKTHROUGH AXE

Axe with forged black steel head, wooden handle, protection profile on the blade.

Handle 900 mm.  
Weight kg. 3,500 (approx)



CODE	PRICE
6181	

## FOLDING FIRE SHOVEL

Non-sparking folding aluminum shovel.  
Closed 550 mm (approx.)  
Opened 1000 mm (approx.)  
Shovel 250x300 mm



CODE	PRICE
6180	

## FIRE SHOVEL

CODE	PRICE
6208	



Firefighting shovel with wooden handle, made of n.9 harmonic steel blades arranged in a fan and connected to a metal body equipped with handle fitting  
Fan Dimensions 410x410 mm  
Weight Kg 2,1

## FIRE FLAP

With light alloy handle cm. 100 with double grip in anti-slip and anti-sweat material. Includes a handle and a broom. The broom is made with 8 mm strips 40x800 of permanently flame retardant acrylic fiber, united by a stitched tape. The other end is folded twice and fastened by two metal rivets without locks. The broom is fixed to the handle in heat-reflective wood of diam. mm 25 or light alloy anticordal diam. mm. 25. The handle is equipped with a device meant to be lashed to the operator's wrist and a anti-slip/anti-sweat grip. Weight Kg. 0.850



CODE	PRICE
6218	



**SELF-CONTAINED BREATHING**

Portable self-contained breathing apparatus with 60 min. autonomy. (approx). 6 lt steel cylinder. 300 bar. Equipped with mask and type A dispenser (unified fitting EN148 /3). The self-contained breathing apparatus is particularly suitable for the maintenance of chemical plants, in heavily polluted environments or in the absence of oxygen. Reference standard EN137.



CODE	SPECIFICATIONS	PRICE
6183	Self-contained breathing apparatus, cylinder excluded	
6318	Cylinder lt. 6	

**EMERGENCY DEVICE**

Emergency hood with filter A1B1E1K1 P3 for protection against chemical gas / vapors and particles - in a pouch. The high visibility hood with 2 reflective bands allows you to always be visible and provides a perfect view thanks to the large front screen.

Complete pack 6 pieces  
Minimum pack 1 piece



CODE	PRICE
6866	

**HEADLAMP**

Complete and extremely durable, practical for close, moving and distance work. It can be placed on the head, fixed on the helmet or on the ground as needed. Characteristics:  
3 available light variants: wide, combined and focused light cone; water resistant conforming to IP 67 up to 1 m max 30 min; emergency lighting; rotary switch easy to use even with gloves. Resistance to drops up to 2 m and pressure up to 80 kg. Head ANSI F1-Standard The LED Status Indicator is chemical resistant



CODE	PRICE
9245	

**POLYESTER ROPE**

CODE	PRICE
7984	

20 mt rope in high-tenacity polyester  
diam. 12 mm. with  
n. 1 thimble and n. 1 carabiner.

**FULL FACE MASK**

Masks equipped with standard threading Suitable for use with all breathing devices with male fitting EN148 / 1. The ergonomic and bellows double sealing edge adapts perfectly to any facial conformation, avoiding harsh pressures. bellows, adapts perfectly to any facial conformation avoiding harsh The panoramic viewer ensures optimum viewing even downward without optical distortions. The mask is in accordance with EN 136/98 class II.



Filters sold separately  
see specific section

Minimum pack 1 piece  
Complete pack 6 pieces

CODE	SPECIFICATIONS	PRICE
6187	Mask TR 2002 CL.2	
6197	Filter A2B2E2K2P3	

**KEVLAR ROPE**

20 mt rope in acid-resistant and heat-proof kevlar yarn of diam. 10 mm. with thimbles at both ends.



CODE
6176
PRICE

**MEGAPHONE**

Portable amplification system with fixed microphone made of shockproof plastic material. Range 500/700 mt. approx. Rated power 20 W Power supply 1.5 V (Dx4 excluded) cone diameter 160 mm Length 260 mm Weight 0.60 kg approx.



CODE	PRICE
6186	

**EXPLOSION-PROOF LAMP**

Explosion-proof flashlight for explosive environment with screw-on ignition. Anti-rust and inert product. Power supply with 4 stylus batteries included in the package, waterproof up to 3 mt. a.s.l. Charge up to 4-5 hours. Brightness 43 mt. Dimensions 155x41x36 mm. Weight 156 gr. Certified ATEX rating II2G EX e IIC T4



Fastening clip on helmet  
excluded cod. 4697

CODE	PRICE
6210	
4697	



## LEATHER BELT

Tool-carrying belt made with a piece of grain bend leather in one unpaired layer. Strong buckle in chromium-plated metal. Grain leather buckle protection. Two leather loops with carabiner and a leather loop with ring. Belt length mm. 1200, height mm. 50, thickness mm. 4. The leather was tested for fire resistance according to EN 532/94.



CODE	PRICE
6175	

## EVACUATION HAMMER

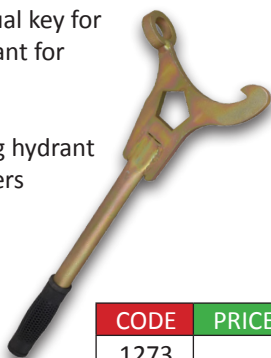
Evacuation hammer, stationary or with red roller, made of ABS with ergonomic grip.



CODE	TYPE	PACK	PRICE
6161	stationary	10 pcs.	
6162	roller	5 pcs.	

## HYDRANT KEY

steel manual key for pillar hydrant for tool steel opening and closing hydrant and stoppers and caps



440 mm

CODE	PRICE
1273	

## INSPECTION LAMP

LED inspection lamp with flexible metal extension, with anatomical, anti-slip and shockproof rubber grip.

Power supply 2 AAA stylus batteries

Dimensions 520x40 mm



CODE	PRICE
0413	

Customize your PPE cabinet with the accessories and clothing most suitable to your needs

## CROWBAR

Steel crowbar Ideal bending for maximum efficiency combined with maximum practicality.



CODE	LENGTH	PRICE
6273	cm 60	
6274	cm 70	

## BOOTS

Work boots for firefighters, and related activities. Closure with flame retardant strings: 5 pairs of vis rings with single rivet, 1 pair of open hooks "string blocking" applied with double rivet, 2 pairs of open hooks applied with double rivet.

CODE	NUMBER	CODE
5871	36	-
5872	37	43
5873	38	44
5874	39	45
5875	40	46
5876	41	47
5877	42	48
PRICE		PRICE



## ARAMIDIC COVERALL

Coverall in aramid fabric 100% from 185 gr / sqm. Shirt collar; central locking with double slider metal zipper. external lapel facing; Set-in sleeves; Elastic wrists; aramidic thread seams.



The PPE is certified in accordance with Directive 89/686 / EEC of 21.12.89 and Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protection clothing in accordance with UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04.

ORANGE	SIZE	RED	PRICE
9286	S (44-46)	9633	
9287	M (48-50)	9634	
9288	L (52-54)	9635	
9289	XL (56-58)	9636	
9290	XXL (60-62)	9637	
9291	XXXL (64-66)	9638	

On request, it is possible to include upper and lower refractive bands.

**COTTON COVERALL**

Coverall made with 100% cotton fabric FR Proban 330 gr / mq. Single-piece coverall; Shirt collar; Central locking with double slider metal zipper; External lapel facing; Set-in sleeves; Elastic wrists; elastic waist back; aramid thread seams.

On request, it is possible to include upper and lower refractive bands.

CODE	SIZE	PRICE
9295	S (44-46)	
9296	M (48-50)	
9297	L (52-54)	
9298	XL (56-58)	
9299	XXL (60-62)	
9300	XXXL (64-66)	



The PPE is certified in accordance with Directive 89/686 / EEC of 21.12.89 and Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protection clothing in accordance with UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04.

**ARAMIDIC FABRIC GLOVES**

aramidic fabric glove resistant to contact heat for 15 seconds at 250 ° C. Sleeve Total length 38 cm.

Complete pack  
60 pairs.  
Minimum pack  
1 pair.



CODE	SIZE	PRICE
6166	10	

**ARAMIDIC BALACLAVA**

Balaclava made of 100% aramidic Jersey fabric 150 gr / sqm.

Model with elastic frontal opening for use with anti-smoke glasses and respirators, aramidic thread seams.



CODE	PRICE
6037	

The PPE is certified in accordance with Directive 89/686 / EEC of 21.12.89 and Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protection clothing in accordance with UNI EN ISO 11612: 2009 (A1

**ALLUMINATED COVERALL**

Coverall for heat and flame protection, equipped with an alluminised aramidic fiber hood internally lined with flame retardant wool and carbon; suitable for use with full face mask and dispensing units, interchangeable gold plated multilayer viewer in vitro; axillary braces with adjustable snap buttons for correct positioning; jacket + pants in aluminized aramidic fabric internally lined with carbon fiber and flame retardant wool; gloves with alluminised aramidic fabric back and siliconized aramidic fabric palm, internal lining of carbon felt; Alluminized aramidic fabric boots lined internally with flame retardant wool. Coverall for use with self-contained breathing apparatus. Rear zip closure covered with flap  
UNI EN ISO 11612: 2009  
Head at 40 kW (about 1000° C for over 120 sec.)  
EN 1486: 2007, Protective devices for firefighters



CODE	PRICE
10101	

**HELMET FOR FIRE OPERATOR**

Fire helmet. Helmet in accordance with EN 443



CODE	PRICE
10635	

**COW GRAIN LEATHER GLOVES BOVINE FLOWER**

Yellow cow grain leather gloves, water repellent. Gunn cut, wing thumb, wide sleeve. Kevlar and cotton lining. Reinforced in water-repellent crust at the base of the thumb and middle finger. Veins protection. Crust with hose. Velcro strap. Kevlar thread stitchings. Confort, american building technology. The elastic glove, with tab, provides good holding. The Kevlar and Cotton lining makes the glove easier to use. Resistance The water repellent cowhide grain leather glove and silicone ensure good low temperature flexibility and protection against mechanical hazards. The Kevlar and Cotton lining offers protection against cuts and thermal hazards. Kevlar yarn ensures good seam resistance against heat and wear, providing excellent thermal insulation. Leather thickness 1.1 / 1.3 mm



CODE	SIZE	LENGTH	EN 388				EN 407				EN 511	PRICE
			a	b	c	d	a	b	c	d	e	f
7889	10	36 cm	3	2	2	2	4	1	3	2	XX	a b c

Tris 1 jacket made of 100% cotton fabric FR Proban 330 gr / mq., Lined with 55% modacrylic fabric 45% cotton 140 gr / mq.

Over the knee model, raglan sleeves, central front zip closure with metal zipper, flap and automatic buttons, two lower pockets (cut) with cover flaps and automatic buttons, inside pocket with velcro closure.

## ARAMIDIC JACKET



The PPE is certified in accordance with Directive 89/686 / EEC of 21.12.89 and Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protection clothing in accordance with UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04.

CODE	SIZE	PRICE
9301	S / M (46-52)	
9302	L / XL (54-58)	
9303	XXL / 3XL (60-66)	

Jacket made of 100% aramidic fabric 260 gr / mq., Lined with 55% modacrylic fabric 45% cotton 140 gr / mq.

Over the knee model, detachable hood with zip and adjustable front closure in velcro, raglan sleeves, central front closure with metal zipper, cover flap and automatic buttons, two chest pockets with cover flaps and closure in velcro, two lower pockets (cut) with flaps and automatic buttons closure, internal pocket for hood holding with velcro closure.

## ARAMIDIC JACKET



CODE	SIZE	PRICE
9292	S / M (46-52)	
9293	L / XL (54-58)	
9294	XXL / 3XL (60-66)	

## 2 POINTS HARNESS WITHOUT BELT

Harness with 1 dorsal attachment point with D-ring in galvanized steel. Blue textile strip with 45mm black contrast line. Quick-opening galvanized steel buckles. Weight 600 gr.

PPE category: 3 Quality Assurance: ISO 9001:2000

CODE	PRICE
6252	



Check the sections dedicated to PPE and First Aid products and customize your cabinet

## COVERALL IN ARAMIDIC FIBER



Heat-resistant coverall for high temperatures, protective clothing against heat and flames. Complete set, model without cylinder holder, consists of a hood for facial protection, coverall, boots and gloves, all made of alluminised aramidic fiber, heat protection clothing for steelworks, glassworks and foundry. Set includes:

- Cap with polycarbonate visor Art. 01KD, in aluminized aramidic fiber.
- coverall without cylinder holder
- 5 fingers gloves from 38 cm boots

UNI EN ISO 11612: 2009 A1 B1 C3 D2 E3 Head 20 Kw (about 500° C)

CODE	PRICE
10102	

## 1 POINT HARNESS WITHOUT BELT

Harness with 1 dorsal attachment point with D-ring in galvanized steel. Blue textile strip with 45mm black contrast line. Quick-opening galvanized steel buckle. Weight: 500g 1-point harness (dorsal D-ring) with adjustable quick-opening buckle and adjustable thigh straps

PPE category: 3 Quality Assurance: ISO 9001/2000

CODE	PRICE
6251	





**1 POINT HARNESS WITH BELT**

Harness with 1 dorsal attachment point in blue textile strip made of polyamide with 45mm black contrast line. With positioning belt with galvanized steel buckle. Dorsal and lateral stainless steel rings, quick opening buckles and adjustable thigh straps. Weight: 1 kg. PPE category: 3  
Quality Assurance: ISO 9001/2000

CODE	PRICE
6253	

**2 POINTS HARNESS WITH BELT**

TITAN harness with 2 attachment points, dorsal and sternal. 45mm blue textile tape in polyamide with black line on the external part. Positioning belt, side rings and quick-release stainless steel buckles; adjustable thigh straps. Weight: 1 kg. PPE category: 3  
Quality Assurance: ISO 9001:2000

CODE	PRICE
6254	

**CML FITTING 120**

Carabiner with aluminium screwgate, 21 mm opening. Weight 0.082 Kg  
Breaking strength > 22kN.

The anchor fittings are used to fasten an intermediate attachment to an anchor point

CODE	PRICE
6256	

**STRING WITH ABSORBER**

Length: 2m  
Weight: 774g  
Breaking strength: > 15 KN

Rope with energy absorber with 2m cable, equipped with 2 screwgate carabiners. Suitable for particularly difficult working conditions. Ropes offer greater comfort in case of a fall. Thanks to its small size, the energy absorbing system reduces weight and makes the ropes easier to use and carry. Available with a variety of different attachments, designed to improve anti-fall protection.

CODE	PRICE
6259	

**FIRST AID Kit Attachment 1**

Weight: Kg.6,20  
Dimensions:  
395x135x270h



CODE	PRICE
CPS517	

Content in accordance with DM 388 of 15/07/2003 Annex 1 and DL 81 of 09/04/08 art.45. For Group A/B companies and in any case with three or more

Content:  
1 Copy of min Decree 388 of 15.07.03  
5 Pairs of sterile gloves  
1 Mask with eye protection visor  
3 Bottles of sterile physiological solution 500 ml CE  
2 Disinfectant bottles 500 ml IODOPOVIDONE with 10% iodine PMC  
10 packs of sterile gauze swabs cm 10x10  
2 packs of sterile gauze swabs cm 18x40  
2 sterile drapes 40 x 60 cm DIN 13152-BR  
2 Sterile clamps  
1 Pack of cotton wool  
1 Elastic tubular bandage  
2 PLASTOSAN 10 diverse plasters  
2 adhesive plaster rolls m 5 x 2.5 cm  
1 pair of bandage scissors cm 14.5 DIN 58279  
3 Tourniquets  
2 ICE PACK instant ice  
2 medical waste bags Minigrip  
1 EC Digital Clinical Thermometer  
1 Sphygmomanometer PERSONAL with phonendoscope  
1 multilingual instructions for First Aid

Weight: kg 2.80  
Dimensions:  
335x250x123

**FIRST AID Kit Attachment 2**

Content in accordance with DM 388 of 15/07/2003 Annex 2 and DL 81 of 09/04/08 art.45. For companies or production units with fewer than three workers not belonging to group A. Article 5 (5) of DM 388 of 15 July 2003 determines that the content of Annex 2 must be provided to workers who work in places other than the company headquarters or production unit.

CODE	PRICE
CPS513	

Content:  
1 Copy of min Decree 388 of 15.07.03  
2 Pairs of sterile gloves  
1 bottle of disinfectant 125 ml IODOPOVIDONE 10% iodine PMC  
1 sterile physiological solution 250 ml CE  
3 packs of sterile gauze swabs cm 18x40  
1 Pack of cotton wool  
3 packs of sterile gauze swabs cm 10 x 10  
1 PLASTOSAN 20 diverse plasters  
1 sterile clamp  
1 adhesive plaster roll m 5 x 2,5 cm  
2 gauze bandages m 3,5x10 cm  
1 pair of bandage scissors cm 14.5 DIN 58279  
1 Tourniquet  
1 ICE PACK single use instant ice  
1 Medical waste bag mm 250x350  
1 Triangular drape TNT cm 96x96x136  
1 Isothermal blanket / arg. cm 160x210  
1 case PIC 3 containing:  
3 Liquid soaps  
3 Sanitizing Wipes  
2 ammonia wipes  
2 sterile elastic bandages mm 80x100 DIN 13151 M  
2 Preparations 3.5 g sterile BURN GEL  
1 sterile drape 40 x 60 cm DIN 13152-BR  
1 multilingual instructions for First Aid

Discover our First Aid product range in the dedicated section

## TAP DISFITTING WRENCH UNI 45

**NEW**



CODE	PRICE
2178	

## New Construction Product Regulation (CPR) - CPR Declaration of Performance

The European Parliament and the Council of the European Union have adopted the Regulation no. 305/2011, better known as Construction Product Regulation (CPR).

This regulation, which entered into force in July 2013, repealed regulation 89/106 / EEC (CPD). The main new development of CPR is the Declaration of Performance (doP) that replaces the Declaration of Conformity and must be provided with the products.

**NEW**

## OUTDOOR HYDRANT SYSTEM, IN RED PAINTED STEEL WITH FULL DOOR AND ROUNDED EDGES



CODE	LANCIA	DIMENSIONS	PRICE
0963-1	Nozzle ø 12	hydrant mt. 20	
1017-1	Nozzle ø 12	hydrant mt. 25	
1019-1	Nozzle ø 12	hydrant mt. 30	



Stand not included

## OUTDOOR HYDRANT SYSTEM, IN RED PAINTED STEEL WITH SHATTERPROOF PANE 370X610X210



CODE	LANCIA	DIMENSIONS	PRICE
0955	Nozzle ø 12	hydrant mt. 20	
1001	Nozzle ø 12	hydrant mt. 25	
1003	Nozzle ø 12	hydrant mt. 30	

## OUTDOOR HYDRANT SYSTEM, IN STAINLESS STEEL AISI 304 WITH SHATTERPROOF PANE DIM 370X610X210



CODE	LANCIA	DIMENSIONS	PRICE
0957	Nozzle ø 12	hydrant mt. 20	
1005	Nozzle ø 12	hydrant mt. 25	
1007	Nozzle ø 12	Hydrant mt. 30	



**BUILT-IN HYDRANT SYSTEM,  
IN RED PAINTED STEEL WITH SHATTERPROOF PANE**


Dim:  
360x560x150



CODE	LANCIA	DIMENSIONS	PRICE
0959	Nozzle ø 12	hydrant mt. 20	
1009	Nozzle ø 12	hydrant mt. 25	
1011	Nozzle ø 12	hydrant mt. 30	

**OUTDOOR HYDRANT SYSTEM, IN RED PAINTED STEEL WITH  
FULL DOOR**


Dim:  
360x560x150



CODE	LANCIA	DIMENSIONS	PRICE
0963	Nozzle ø 12	hydrant mt. 20	
1017	Nozzle ø 12	hydrant mt. 25	
1019	Nozzle ø 12	hydrant mt. 30	

**OUTDOOR HYDRANT SYSTEM, IN RED PAINTED STEEL WITH SHATTERPROOF PANE  
CABINET WITH ROUNDED EDGES DIM. 370X605X160**
**NEW**


CODE	LANCIA	DIMENSIONS	PRICE
1571	Nozzle ø 12	hydrant mt. 20	
1572	Nozzle ø 12	hydrant mt. 25	
1573	Nozzle ø 12	hydrant mt. 30	


**OUTDOOR HYDRANT SYSTEM IN STAINLESS STEEL AISI 304  
WITH FULL DOOR**


Dim:  
400x510x180



CODE	LANCIA	DIMENSIONS	PRICE
0965	Nozzle ø 12	hydrant mt. 20	
1021	Nozzle ø 12	hydrant mt. 25	
1023	Nozzle ø 12	hydrant mt. 30	

**BUILT-IN HYDRANT SYSTEM, IN RED PAINTED STEEL WITH  
FULL DOOR**


Dim:  
400x500x170



CODE	LANCIA	DIMENSIONS	PRICE
0967	Nozzle ø 12	hydrant mt. 20	
1025	Nozzle ø 12	hydrant mt. 25	
1027	Nozzle ø 12	hydrant mt. 30	

**BUILT-IN HYDRANT SYSTEM, IN STAINLESS STEEL AISI 304 WITH FULL DOOR DIM. 400x500x170**

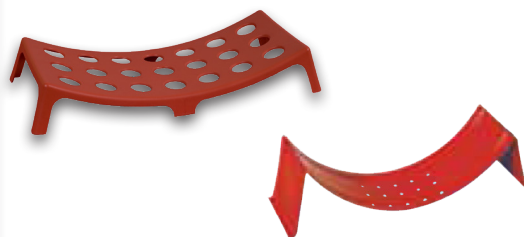

CODE	LANCIA	DIMENSIONS	PRICE
0969	Nozzle ø 12	hydrant mt. 20	
1029	Nozzle ø 12	hydrant mt. 25	
1031	Nozzle ø 12	hydrant mt. 30	

## HYDRANT VALVE, WALL PLUG, THREADED MALE OUTLET IN BRASS EN 1982



CODE	DESCRIPTION	PRICE
0637	UNI 25 x 1 "PN16	
0641	UNI 45 x 1 "1/2 PN16 ISO 7	
0639	UNI 70 x 2 "PN16	
0640	UNI 70 x 2 "1/2 PN16	

## HOSE SUPPORT



CODE	DESCRIPTION	PRICE
1060-1	PVC UNI 70	
1109	Steel UNI 45-70	

## HYDRANT VALVE, FEMALE OUTLET, BRASS HANDWHEEL EN 1982 FEMALE OUTLET HANDWHEEL UNI 804



CODE	DESCRIPTION	PRICE
1106	UNI 70 x 2 "PN16	
1107	UNI 70 x 2 "1/2 PN16	

## FEMALE-FEMALE GATE VALVE PN12 IN BRASS



CODE	DESCRIPTION	PRICE
0753	2 "1/2 x 2" 1/2	
0752	2" x 2"	

## METAL HANDWHEEL



CODE	DESCRIPTION	PRICE
0642	UNI 45 x 1 "1/2 (frame mm 7x7)	
0643	UNI 70 x 2 "(frame mm 10x10)	
1188	UNI 70 x 2 "1/2 (frame mm 11.5x11.5)	

## INSTRUMENT FOR MEASURING RESIDUAL PRESSURE IN HYDRANT SYSTEMS ACCORDING TO 10779



Composed of:  
-Fitting in malleable cast iron with quick fitting for pressure gauge  
- Shut-off valve with quick fitting for pressure gauge

CODE	DESCRIPTION	PRICE
1383	Fitting 1 "1 / 2Gas	

Spare pressure gauge with quick fitting

CODE	PRICE
1151	



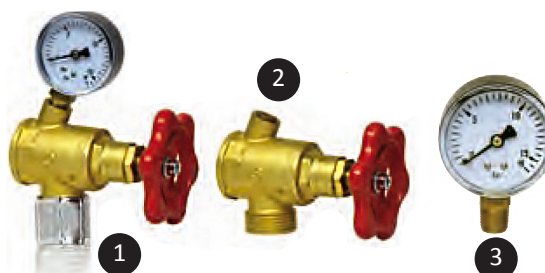
## MALE-FEMALE GATE VALVE PN 12 IN BRASS



CODE	DESCRIPTION	PRICE
0741	F1 "x M DN 25	
0742	F1 "1/2 x M DN 45	
0743	F2 "x M DN 45	
0744	F2 "x M DN 70	
0745	F2 "x 1/2 x M DN 70	

## REEL SPARE PARTS

CODE		DESCRIPTION	PRICE
2229	1	Reel pressure control kit	
2229-1	2	Reel tap 1 "gas F x 1" gas M Pressure gauge fitting	
1717-1	3	Spare pressure gauge 0-16 Bar 1/4 "M fitting	





**STANDING HYDRANT SYSTEM FOR OUTDOOR PROTECTION UNI 10779 WITH FULL DOOR**

Consisting of: cabinet, hose DN70 UNI804, three-effect nozzle with lever, hand key, tubing support.

Dim mm 500x255x680H

CODE	SPECIFICATIONS	NOZZLE	PRICE
0233	Hydrant kit mt. 20	Nozzle ø 16	
0234	Hydrant kit mt. 25	Nozzle ø 16	
0235	Hydrant kit mt. 30	Nozzle ø 16	

**STANDING HYDRANT SYSTEM FOR OUTDOOR PROTECTION UNI 10779 IN STAINLESS STEEL WITH SAFE WINDOW PANE**

Consisting of: cabinet, hose DN70 UNI804, three-effect nozzle with lever, hand key, tubing support and pane SAFE WINDOW

Dim mm 500x255x680H

CODE	SPECIFICATIONS	NOZZLE	PRICE
0230	Hydrant kit mt. 20	Nozzle ø 16	
0231	Hydrant kit mt. 25	Nozzle ø 16	
0232	Hydrant kit mt. 30	Nozzle ø 16	

**STANDING HYDRANT SYSTEM FOR OUTDOOR PROTECTION UNI 10779 WITH PANE SAFE WINDOW**

Dim mm 500x255x680H

Consisting of: cabinet, hose DN70 UNI804, three-effect nozzle with lever, hand key, tubing support and pane SAFE WINDOW

CODE	SPECIFICATIONS	NOZZLE	PRICE
0224	Hydrant kit mt. 20	Nozzle ø 16	
0225	Hydrant kit mt. 25	Nozzle ø 16	
0226	Hydrant kit mt. 30	Nozzle ø 16	

**STANDING HYDRANT SYSTEM FOR OUTDOOR PROTECTION UNI 10779 WITH FULL DOOR AND ROUNDED EDGES**

Dim. mm 375x200x600H

Consisting of: cabinet, hose DN70 UNI804, three-effect nozzle with lever, hand key, tubing support.



CODE	LANCIA	DIMENSIONS	PRICE
0233-1	Nozzle ø 16	hydrant mt. 20	
0234-1	Nozzle ø 16	hydrant mt. 25	
0235-1	Nozzle ø 16	hydrant mt. 30	

**STANDING HYDRANT SYSTEM FOR OUTDOOR PROTECTION UNI 10779 IN STAINLESS STEEL WITH FULL DOOR**

Consisting of: cabinet, hose DN70 UNI804, three-effect nozzle with lever, hand key, tubing support.

CODE	SPECIFICATIONS	NOZZLE	PRICE
0227	Hydrant kit mt. 20	Nozzle ø 16	
0228	Hydrant kit mt. 25	Nozzle ø 16	
0229	Hydrant kit mt. 30	Nozzle ø 16	



Dim mm 500x255x680H

Reel equipped with:

- Wall cabinet with rounded edges and carbon steel coil, painted in red RAL3000 polyester. Coil Diameter mm 535, door frame in anodized aluminum.
- Connected Semi-rigid hose according to UNI EN 694
- Multiple effect nozzle with nozzle lever diam. 8
- 1"Gas Shut-off ball in brass and brass dispenser valve
- with pane

Description	Code tub. White	PRICE	Code tub. Red	PRICE
700x200x650h mt. 20	1971		0974	
700x200x650h mt. 25	0972A		0975	
700x270x650h mt. 30	0973A		0976	

#### ADJUSTABLE INDOOR WALL REEL UNI EN 671-1 WITH PANE SAFE WINDOW



#### BUILT-IN ADJUSTABLE REEL UNI EN 671-1 WITH PANE SAFE WINDOW



Reel equipped with:

- Wall cabinet with rounded edges and carbon steel coil, painted in red RAL3000 polyester. Coil diameter mm 535 for 20 mt, diameter mm 600 for 25 and 30 mt, door frame in anodized aluminum.
- Connected Semi-rigid hose according to UNI EN 694
- Multiple effect nozzle with nozzle lever diam. 8
- 1"Gas Shut-off ball in brass and brass dispenser valve
- with pane

Description	Code tub. White	PRICE	Code tub. Red	PRICE
650x180x650h mt. 20	0977		0980	
720x180x720h mt. 25	0978		0981	
720x180x720h mt. 30	0979		0982	

Reel equipped with:

- Cabinet with full door, rounded edges and carbon steel coil, painted in red RAL3000 polyester. Coil diameter mm 535 for 20 mt, diameter mm 600 for 25 and 30 mt.
- Connected Semi-rigid hose according to UNI EN 694
- Multiple effect nozzle with nozzle lever diam. 8
- 1"Gas Shut-off ball in brass and brass dispenser valve
- Cover frame

Description	Code tub. White	PRICE	Code tub. Red	PRICE
650x180x650h mt. 20	0989		0992	
720x180x720h mt. 25	0990		0993	
720x180x720h mt. 30	0991		0994	

#### ADJUSTABLE BUILT-IN WALL REEL EN 671-1 WITH FULL DOOR



#### INDOOR ADJUSTABLE REEL UNI EN 671-1 WITH FULL DOOR



Reel equipped with:

- Wall Cabinet with full door, rounded edges and carbon steel coil, painted in red RAL3000 polyester. Reel diameter mm 535.
- Connected Semi-rigid hose according to UNI EN 694
- Multiple effect nozzle with nozzle lever diam. 8
- 1"Gas Shut-off ball in brass and brass dispenser valve

Description	Code tub. White	PRICE	Code tub. Red	PRICE
700x205x650h mt. 20	0983		0986	
700x205x650h mt. 25	0984		0987	
700x230x650h mt. 30	0985		0988	



All hoses are made of high tenacity polyester fabric with elastomeric or PVC waterproofing substrate. The UNI45 and UNI70 hoses are equipped with binding fittings UNI 7422, fitting-covering sleeves and label for periodic inspection. The firefighting hoses in line with current legislation are exclusively the hoses equipped with fittings UNI 804. Hoses with TN fitting are not standard in the fire-fighting sector, uses have to be checked by the customer.

FIRE HOSE	OPERATING PRESSURE	BURST PRESSURE
UNI25	12	42
UNI45	15	45
UNI70	12	42

## FLEXIBLE HOSE DN25



SPECIFICATIONS	BIANCA	PRICE	ROSSA	PRICE
fitting UNI 804 mt. 20	0611	€ 160,40	0613	

## HANDLE FOR FLEXIBLE HOSES

### FLEXIBLE HOSE



CODE	PRICE
2115	

Specific for professional use, allows the transport of 2 hoses per firefighter

## WHITE FLEXIBLE HOSE DN45 UNI EN 14540 CONNECTED ACCORDING TO UNI 7422



CODE	SPECIFICATIONS	PRICE
0620	FITTING TN mt. 20	
0614	fitting UNI 804 mt. 20	
0615	fitting UNI 804 mt. 25	
0616	fitting UNI 804 mt. 30	

## RED FLEXIBLE HOSE DN45 UNI EN 14540

On request certified MED



CODE	SPECIFICATIONS	PRICE
0617	fitting UNI 804 mt. 20	
0618	fitting UNI 804 mt. 25	
0619	fitting UNI 804 mt. 30	

## WHITE FLEXIBLE HOSE DN45 UNI EN 14540

MED certified recommended UNI 7422 Standard



CODE	SPECIFICATIONS	PRICE
1232	fitting UNI 804 mt. 20	

## RED FLEXIBLE HOSE DN70

MED certified  
Connected  
according to UNI



CODE	SPECIFICATIONS	PRICE
0630	fitting UNI 804 mt. 20	
0631	fitting UNI 804 mt. 25	
0632	fitting UNI 804 mt. 30	

## WHITE FLEXIBLE HOSE DN70 UNI EN 9487

MED certified  
Connected  
according to UNI



CODE	SPECIFICATIONS	PRICE
0599	fitting UNI 804 mt. 20	

## WHITE FLEXIBLE HOSE DN70 UNI EN 9487 CONNECTED ACCORDING TO UNI 7422



CODE	SPECIFICATIONS	PRICE
0621	FITTING TN mt. 20	
0627	fitting UNI 804 mt. 20	
0628	fitting UNI 804 mt. 25	
0623	fitting UNI 804 mt. 30	



## FLEXIBLE 4K YELLOW HOSE CONNECTED UNI 804



according to UNI9487,  
Specific for forest fire  
fighting and for all extreme  
uses - exceptional resistance  
to abrasion and heat (up to  
600 ° C) mt. 10 - 15 - 20 - 25  
- 30 max 60 mt. The external  
coating contains KEVLAR  
nano fibers.

CODE		PRICE
2072	mm. 25.	
2073	mm 45	
2074	mm 70	

## FLEXIBLE HOSE ENI TYPE CONNECTED UNI 804

Not coated - in accordance  
with ENI TAB. 0.198 - AGIP  
PETROLI TAB.9025.31 - for  
refineries and petrochemical  
plants (reinforced type)



CODE	SPECIFICATIONS	PRICE
2079	mm 45	
2080	mm 70	
2081	mm 102	
2082	mm 125	

## FLEXIBLE HOSE TYPE B CONNECTED UNI 804



Red coating - ENI TAB  
standard. 0.198 - AGIP  
PETROLI TAB.9025-  
31 - for refineries and  
petrochemical plants.

CODE	SPECIFICATIONS	PRICE
2083	mm45	
2084	MM70	
2085	mm100	
2086	mm125	








## FLEXIBLE HOSE TYPE C CONNECTED UNI 804

NBR internal / external rubber  
coating - ribbed exterior - ENI TAB  
standard 0.198 - AGIP PETROLI  
TAB. 9025.31 on request type C / 1  
with smooth external coating, for  
refineries, petrochemical plants,  
oil platforms and extraction plants  
in general  
oil and  
COMBUSTION  
mining in  
place.



CODE		PRICE
2075	mm45	
2076	MM70	
2077	mm100	
2078	mm125	



TYPE		UNI 804	STORZ	BS 336	DSP / AR	GOST	MALE GAS	FEMALE GAS
MATERIAL		Brass	Aluminium	Brass	Aluminium	Aluminium		
ø								
mm	In							
25	1"	0770	2087				0769-2	0769-3
38	1" 1/2			2128				
45	1" 3/4	0772	2088		2097			
52	2"		1832			2092		
63	2" 1/2			2129				
70	2" 3/4	0774	2089		2098	2093		
76	3"		2090			2094		
100	4"	1376	2091			2095		
110	4" 3/8				2099			

UNI			
CODE	DN	TYPE	PRICE
0770	25	804	
0772	45	804	
0774	70	804	
1376	100	804	

STORZ			
CODE	L	ø FITTING	PRICE
2087	62	25	
2088	100	45	
1832	100	52	
2089	137	70	
2090	137	75	
2091	184	100	

NB The UNI804 and BS336 fittings are sold in complete sets.

#### WHITE FLEXIBLE HOSE DN45 CERTIFICATION UNI EN 14540

CODE		OPERATING P.	BURST P.	PRICE Mt
1237-1	DN45	1.5 Mpa	4.5 Mpa	

#### WHITE FLEXIBLE HOSE DN70 ACCORDING TO UNI 9487

CODE		OPERATING P.	BURST P.	PRICE Mt
1237-2	DN70	1.2 Mpa	4.2 Mpa	

#### WHITE SEMIRIGID HOSE UNI EN 694

CODE		OPERATING P.	BURST P.	PRICE Mt
1237	DN25 FOR REEL	1.5 Mpa	5.0 Mpa	

#### RUBBER SLEEVE FOR FITTING COVERING



CODE	DN	PRICE
1276-1	25	
1276	45	
1277	70	

#### SINGLE FITTING FOR HOSES

CODE		PRICE
2225	Aluminum for DN25	
2225-1	For DN25	
2225-2	In Aluminum for DN45	
2225-3	For DN45	
2225-4	Aluminum for DN70	
2225-5	For DN70	

#### CUSTOMIZE YOUR HOSE

##### EXAMPLE:

DN45 MT 5 UNI 804	
1237-1	Mt 5
1276	No. 2
2225-3	No. 2
0772	No. 1

NB To purchase the desired product, choose the required hose and calculate the cost per linear meter, add the desired complete filling, 2 alloys of choice in aluminum or one with wire and 2 sleeves for filling covering.

## HYDRANT VALVE, WALL PLUG, STORZ OUTLET



HYDRANT TAP				
CODE	SPECIFICATIONS	DN STORZ	DN	PRICE
2212	Storz 25 x 1 "Gas PN 16	25	1" GAS M	
2212-1	Storz 52 x 1 "1/2 Gas, PN 16	52	1 1/2" GAS M	
2212-2	Storz 52 x 2 "Gas, PN 16 - DIN 14461	52	2 "Gas M	
2212-3	Storz 52 x 2 "1/2 Gas, PN 16 – DIN 14461	75	2 "1/2 Gas M	



STORZ REDUCTION WITH MALE GAS - IN LIGHT ALLOY

CODE	GAS FITTING	DN STORZ	PRICE
2214	1"M	25 (D)	
2214-1	2"M	52 (C)	
2214-2	2"1/2M	75 (B)	
2214-3	4	110 (A)	

STORZ FITTING, UNI 810 MALE TAPE IN BRASS EN 1982

CODE	FITTING UNI	DN STORZ	PRICE
2215	45M	52	
2215-1	70M	75	



STORZ TOPPER IN LIGHT ALLOY LIGHT ALLOY

CODE	L	DN STORZ	PRICE
2213	37	25 (D)	
2213-1	54	52 (C)	
2213-2	58	75 (B)	
2213-3	68	110 (A)	



SPRAY NOZZLE WITH MULTIPLE FLOW SETTINGS IN LIGHT ALLOY

CODE	Nozzle ø	DN STORZ	PRICE
	16		
1050-2	12	52	

STORZ FITTING, FEMALE FITTING UNI 811 IN BRASS EN 1982



STORZ FITTING, FEMALE FITTING UNI 811 IN BRASS EN 1982

CODE	FITTING UNI	DN STORZ	PRICE
2217	45F	52	
2217-1	70F	75	

WHITE FLEXIBLE HOSE DN70 UNI EN 9487 CONNECTED ACCORDING TO UNI 7422



CODE		PRICE
0634	STORZ FITTING mt. 20	

WHITE FLEXIBLE HOSE DN45 CONNECTED ACCORDING TO UNI 7422



CODE	SPECIFICATIONS	PRICE
0633	STORZ fitting mt. 20	

STORZ KEY



CODE	SPECIFICATIONS	PRICE
2218	storz 52-75 simple, in cast iron	
2218-1	storz 52-75-110 simple DIN 14822 in galvanized steel	



Minimal flow rate for wall hydrants with flexible hoses up to DN25 according to UNI EN 671-2.

Flow rate values both in full jet position and fractional jet position shall not be less than the values given in the table when the wall hydrant is tested for flow rate measurement.

All wall hydrant related data are included in the certificate of performance annexed to the hydrant at the selling stage

Diam. Nozzle	Lt / min (minimum)			Coefficient K *
	0,2 MPa	0,4 MPa	0,6 MPa	
9	66	92	112	46
10	78	110	135	55
12	100	140	171	72
13	120	170	208	85

The flow rate - Q at pressure - P is defined by  
 $Q = K \sqrt{10P}$  Q = liters per minute P = Megapascal

Symbology used: K = coefficient  
 Q = Flow rate P = pressure in Mpa L = Length

#### LEVER NOZZLE DN25, NOZZLE DIAM.8



K = 28 Q = 60 P = 0,3

L = 255 mm

Fire - fighting nozzle according to  
 UNI EN 671

Intended for reels.

Equipped with brass nozzle and body, rubber linings and shockproof ABS resin cane with anti-slip grip grooves.

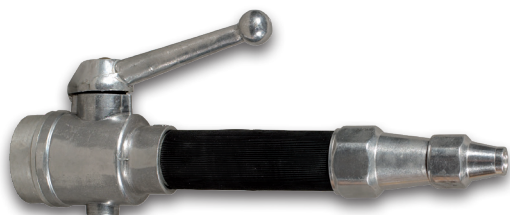
The switch from closed to full or fractional jet is set by the control lever.

CODE	PRICE
0601	

#### LEVER NOZZLE DN45 IN ALUMINIUM Nozzle diam.12

K = 79 Q = 135 P = 0,3

L = 400 mm



Fire - fighting nozzle according to  
 UNI EN 671-2.

Completely made of light aluminum alloy with rubber gaskets. It is equipped with a ball valve and a device that produces a long jet of spray water.

The switch from closed to full or fractional jet is set by the control lever. The full jet position guarantees a homogeneous water flow

CODE	PRICE
0603	

#### LEVER NOZZLE DN45 IN PVC, NOZZLE IN PVC Nozzle diam. 12

K = 79 Q = 135 P = 0,3

L = 360 mm



Fire-fighting nozzle according to UNI EN 671-2. Equipped with a coated aluminum body, rubber gaskets, a shockproof ABS resin cane with non-slip grip grooves and reinforced polymer nozzle. It is equipped with a ball valve and a device that produces a long jet of spray water.

The switch from closed to full or fractional jet is set by the control lever. The full jet position guarantees a homogeneous water flow

CODE	PRICE
0604	

## ROTATING NOZZLE DN45 Nozzle diam.12



Fire-fighting nozzle according to UNI EN 671-2. Completely made of polyamidic resin with rubber linings. Its robustness and ergonomic design combine high handling with extreme impact resistance. The switch from closed to full or fractional jet is set by the rotation of the twist shutoff.

K = 90 Q = 156 P = 0,3  
L = 300 mm

CODE	PRICE
0605	

## ROTATING NOZZLE DN45 Nozzle diam.12



Fire-fighting nozzle according to UNI EN 671-2. Intended for fire cabinets

K = 90 Q = 156 P = 0,3  
L = 100 mm

Equipped with body in shockproof ABS resin, rubber gaskets and brass nozzle. Extremely manageable, it is equipped with a UNI 45 threaded fitting imprinted on the body. The switch from closed to full or fractional jet is set by the rotation of the twist shutoff.

CODE	PRICE
1000	

## LEVER NOZZLE DN45 IN ALUMINIUM WITH VEIL NOZZLE DIAM. 12

Fire-fighting nozzle according to UNI EN 671-2. The nozzle, which is easily adjustable by rotation even under pressure, creates a protective veil for the operator. The veil generated by the nozzle has an angle of 0 to 160°.

Completely made of light aluminum alloy with rubber gaskets. The switch from closed to full or fractional jet is set by the control lever.



L = 410 mm

K = 75 Q = 135 + veil P = 0.3

CODE	PRICE
0606	

## LEVER NOZZLE MED DN45 IN ALUMINIUM Nozzle diam. 12



K = 79 Q = 135 P = 0,3

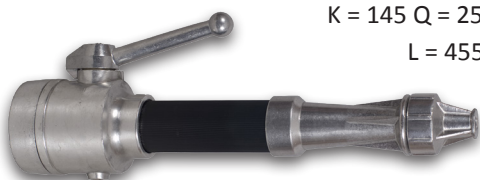
L = 400 mm



CODE	PRICE
1233	

Jet fire nozzle according to the regulations. Completely made of light aluminum alloy with rubber gaskets. Nozzle. It is equipped with a ball valve and a device that produces a wide jet of water spray. The switch from closed to full or fractional jet is set by the control lever.

## LEVER NOZZLE MED DN70 IN ALUMINIUM Nozzle diam.16



K = 145 Q = 250 P = 0.3  
L = 455 mm

Nozzle with multiple flow settings. Completely made of light aluminum alloy with rubber gaskets. It is equipped with a ball valve and a device that produces a long jet of spray water. The switch from closed to full or fractional jet is set by the control lever. The full jet position guarantees a homogeneous water flow. For frequent use.

CODE	PRICE
1430	

## ROTATING NOZZLE DN70 IN PVC Nozzle diam.16



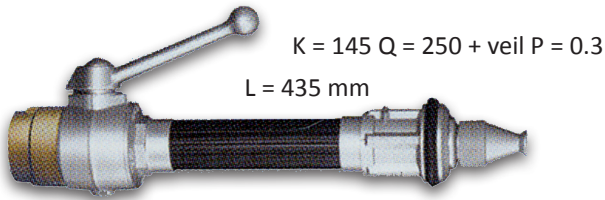
K = 79 Q = 135 P = 0,3  
L = 300 mm

Nozzle with multiple flow settings. It is particularly suitable for naval use and in environments with aggressive agents. Completely made of polyamidic resin with rubber gaskets. Its robustness and ergonomic design combine high handling with extreme impact resistance. The passage from closed to full jet, mist-spraying and diffuse film is adjusted with the rotation of the front manifold.

CODE	PRICE
0608	

NOZZLE UNI 70 MED

**LEVER NOZZLE DN70 IN ALUMINIUM WITH  
NOZZLE diam. 16**



Nozzle with multiple flow settings  
The nozzle, which is easily adjustable by rotation even under pressure, creates a protective veil for the operator. The veil generated by the nozzle has an angle of 0 to 160°. Completely made of light aluminum alloy with rubber gaskets The switch from closed to full or fractional jet is set by the control lever.

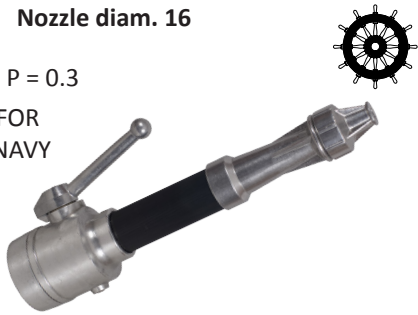
CODE	PRICE
0609	

**LEVER NOZZLE MED DN45 IN ALUMINIUM  
Nozzle diam. 16**

K = 145 Q = 250 P = 0.3

APPROVED FOR  
MERCHANT NAVY

L = 455 mm



Nozzle with multiple flow settings.  
Completely made of light aluminum alloy with rubber gaskets It is equipped with a ball valve and a device that produces a long jet of spray water. The switch from closed to full or fractional jet is set by the control lever. The full jet position guarantees a homogeneous water flow

CODE	PRICE
0600	

**PROFESSIONAL NOZZLE WITH ADJUSTABLE JET AND SELECTABLE CONSTANT FLOW**



Nozzle spray Jet 2" Professional use - full  
jet-spray-protection film  
jet delivery angle (30 ° -120 °) to  
optimize the extinguishing effect.  
Flow rate 100/300 L / min

CODE	DESCRIPTION	PRICE
1960	Professional nozzle	

PRESSURE (bar)	Flow Rate (l/min)			K
	2	4	6	
full jet	190	270	330	135
30°	205	290	352	146
60°	210	298	364	149
90°	217	308	377	154
120°	230	328	400	164



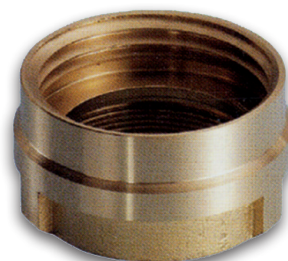
## SWIVELLING REDUCTION FEMALE HANDWHEEL UNI IN BRASS EN 1982



Female fittings for handwheel UNI 808

CODE	DESCRIPTION	PRICE
0696	FG 25 x FG 25	
0697	FG 45 x FG 25	
0698	FG 45 x FG 45	
0699	FG 45 x FG 70	
0700	FG 70 x FG 70	

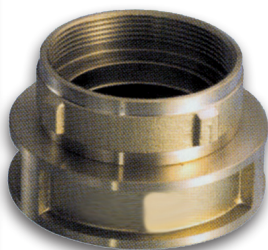
## FEMALE FIXED REDUCTION UNI - FEMALE BRASS GAS EN1982



Threaded female fitting UNI 811, threaded female fitting GAS ISO 228

## SWIVELLING REDUCTION FEMALE HANDWHEEL UNI - FEMALE GAS

In brass EN 1982, threaded female fitting UNI 811, threaded female fitting GAS ISO 228

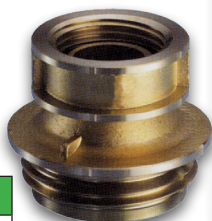


CODE	DESCRIPTION	PRICE
0701	FG 25 x F 1 "	
0702	FG 45 x F 1 "1/4	
0703	FG 45 x F 1 "1/2	
0704	FG 45 x F 2 "	
0705	FG 70 x F 2 "	
0706	FG 70 x F 2 "1/2	
0707	FG 70 x F 3 "	

CODE	DESCRIPTION	PRICE
0688	F25 x F 1 "with hexagon	
0689	F 45 x F 1 "1/4 without	
0690	M 45 x F 1 "1/2 without	
0691	M 45 x F 2" without hexagon	
0692	M 70 x F 1 "1/2 without	
0693	M 70 x F 2" without hexagon	
0694	M 70 x F 2 "1/2 without	
0695	M 70 x F 3" without hexagon	

## SWIVELLING REDUCTION FEMALE HANDWHEEL UNI - MALE UNI

In brass EN 1982, threaded female fitting UNI 808, threaded male fitting UNI 810



CODE	DESCRIPTION	PRICE
0708	FG 45 x M 25	
0709	FG 45 x M 70	
0710	FG 70 x M 45	
0711	FG 70 x M 100	

## SWIVELLING REDUCTION FEMALE HANDWHEEL UNI - MALE GAS



In brass EN 1982, threaded female fitting UNI 808, threaded male fitting GAS ISO 228

CODE	DESCRIPTION	PRICE
0712	FG 25 x M 3/4 "	
0713	FG 25 x M 1 "	
0714	FG 45 x M 1 "	
0715	FG 45 x F 1 "1/4	
0716	FG 45 x M 1 "1/2	
0717	FG 45 x M 2 "	
0718	FG 70 X M 2 "	
0719	FG 70 X M 2" 1/2	
0720	FG 70 X M 3 "	

## CLAPET CHECK VALVE RUBBER GLAND MALE-MALE



In brass, threaded male fitting GAS UNI 228, threaded male outlet GAS ISO 228

CODE	DESCRIPTION	PRICE
0721	2" x 2"	
0722	2 "1/2 x 2" 1/2	

## CLAPET CHECK VALVE RUBBER GLAND FEMALE-FEMALE

In brass, threaded female fitting GAS UNI 228, threaded female outlet GAS ISO 228



CODE	DESCRIPTION	PRICE
0730	3" x 3"	
0731	4" x 4"	

**FIXED REDUCTION MALE-UNI, FEMALE-UNI**

CODE	DESCRIPTION	PRICE
0644	M 25 x F 45 without hexagon	
0645	M 45 x F 25 with hexagon	
0646	M 45 x F 70 without hexagon	
0647	M 70 x F 45 without hexagon	
0648	M 70 x F 100 with pins	
0649	M 70 x F 125 with pins	

In brass EN 1982, threaded male fitting UNI 810, threaded female fitting UNI 811

**BAYONET FITTING REDUCTION - THREADED MALE FITTING UNI**

For brass underground

CODE	DESCRIPTION	PRICE
0666	DN 50 bayonet x UNI 45	
0667	DN 70 Bayonet x UNI 70	

**FIXED REDUCTION MALE-UNI, FEMALE-UNI**

In brass EN 1982, threaded male fitting UNI 810, threaded female fitting UNI 228



CODE	DESCRIPTION	PRICE
0650	M 25 x F 1 "with hexagon	
0651	M 45 x F 1" with hexagon	
0652	M 45 x F 1 "1/4 with hexagon	
0653	M 45 x F 1 "1/2 without hexagon	
0654	M 45 x F 2" without hexagon	
0655	M 70 x F 2" without hexagon	
0656	M 70 x F 2 "1/2 without hexagon	
0657	M 70 x F 3" without hexagon	

**FEMALE FIXED REDUCTION UNI - FEMALE UNI**

In brass EN 1982, threaded female fittings UNI EN 810

CODE	DESCRIPTION	PRICE
0686	F45 x F25 without Hexagon	
0687	F70 x F45 without Hexagon	

**MALE FLEXIBLE REDUCTION UNI - MALE UNI**

In brass EN 1982, threaded male fittings UNI EN 810



CODE	DESCRIPTION	PRICE
0668	M 25 x M 25 with hexagon	
0669	M 45 x M 25 with hexagon	
0670	M 45 x F 45 without hexagon	
0671	M 70 x M 45 with hexagon	
0672	M 70 x M 70 without hexagon	

**FIXED MALE REDUCTION UNI - MALE GAS**

In brass EN 1982, threaded male fitting UNI 810, threaded male fitting UNI 228

CODE	DESCRIPTION	PRICE
0673	FG 25 x M 3/4 " with hexagon	
0674	M 25 x M 1" with hexagon	
0676	M 45 x M 1" with hexagon	
0677	M x 45 M 1" 1/4 without Hexagon	
0678	M 45 x M 1" 1/2 without hexagon	
0679	M 45 x M 2" without hexagon	
0680	M 45 x M 2" 1/2 without hexagon	
0681	M 70 x M 2" without hexagon	
0682	M 70 x M 2" 1/2 without hexagon	
0683	M 70 x M 3" with hexagon	
0684	M 70 x M 3" 1/2 without hexagon	
0685	M 70 x M 4" without hexagon	

**FEMALE FIXED REDUCTION UNI - MALE GAS**

In brass EN 1982, threaded female fitting UNI 811, threaded male fitting GAS ISO 228

CODE	DESCRIPTION	PRICE
0658	M 3/4" x F 25 with hexagon	
0659	M 1" x F 25 with hexagon	
0660	M 1" x F 45 without hexagon	
0661	M 1" 1/4 x F 45 without Hexagon	
0662	M 1" 1/2 x F 45 with hexagon	
0663	M 2" x F 45 without hexagon	
0664	M 2" x F 70 without hexagon	
0665	M 2" 1/2 x F 70 without hexagon	

## SAFETY VALVE FEMALE - FEMALE



In brass, threaded female fitting GAS UNI 228, threaded female outlet GAS ISO 228, calibrated 12 Bar

CODE	DESCRIPTION	PRICE
0734	3/4" x 3/4"	
0735	1" x 1"	
0737	1" 1/2 x 1" 1/2	

## TWO WAYS PLAIN DIVISOR

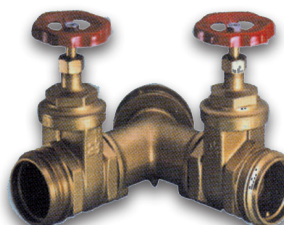
CODE	DESCRIPTION	PRICE
0754	UNI 45 FG, n° 2 outlets UNI 25 M	
0755	UNI 45 FG, n° 2 outlets UNI 45 M	
0756	UNI 45 FG, n° 2 outlets 1" 1/2 Gas M	
0757	UNI 70 FG, n° 2 outlets UNI 45 M	
0758	UNI 70 FG, n° 2 outlets 1" 1/2 Gas M	
0759	UNI 70 FG, n° 2 outlets UNI 70 M	
0760	UNI 70 FG, n° 2 outlets 2" 1/2 Gas M	



In brass EN 1982, threaded female fitting handwheel UNI 808, male outlets UNI 810

## TWO WAYS DIVISOR WITH GATES

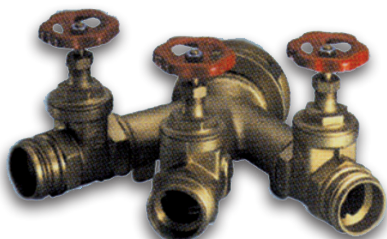
CODE	DESCRIPTION	PRICE
0761	UNI 45 FG, n° 2 outlets UNI 25 M	
0762	UNI 45 FG, n° 2 outlets UNI 45 M	
0763	UNI 70 FG, n° 2 outlets UNI 45 M	
0764	UNI 70 FG, n° 2 outlets UNI 70 M	



In brass EN 1982, threaded female fitting handwheel UNI 808, male outlets with gates UNI 810

## THREE WAYS DIVISOR WITH GATES

In brass EN 1982, threaded female fitting handwheel UNI 808, male outlets with gates UNI 810



CODE	DESCRIPTION	PRICE
0767	UNI 70 FG, n° 3 outlets UNI 45 M	
0768	UNI 125 FG, n° 3 outlets UNI 70 M	

## THREE WAYS PLAIN DIVISOR

In brass EN 1982, threaded female fitting handwheel UNI 808, male outlets UNI 810



CODE	DESCRIPTION	PRICE
0765	UNI 70 FG, n° 3 outlets UNI 45 M	
0766	UNI 125 FG, n° 3 outlets UNI 70 M	



According to UNI EN 14384 all pillar hydrants need to have dimensions DN80 and DN100 in cast iron, dry type, with antifreeze automatic discharge. UNI70 and UNI100 outlets are made of threaded male according to UNI 810 in brass EN1982. All type C hydrants with rupture device, are provided with a special system that keeps the valve closed even in the event of accidental collision. All hydrants are equipped with a pentagonal opening handwheel.

In this catalogue are presented only CE pillar hydrants according to the present legislation (UNI EN 14384). However, there are some models available that are not provided for by the legislation in force (sizes DN 50 and DN 65). The verification of the possible uses of the models without CE marking is up to the customer, because the company cannot go into the details of the specific applications

#### ONE-PIPE PILLAR HYDRANT WITH STEEL COLUMN



Equipped with automatic antifreeze discharge; male threaded outlets UNI 810 in EN 1982 brass and with EN 1982 brass plugs. Perforated flanged fitting PN 16. Painting in red RAL 3000

CODE	DESCRIPTION	Ht	Ha	PRICE
0778	DN 80 with 2 UNI 70 outlets	1455	1235	
0779	DN 100 with 2 UNI 70 outlets	1465	1235	

#### ONE-PIPE HYDRANT SPECIFICATIONS

The pillar one-pipe hydrant is characterised by the standpipe in hot-dip galvanised steel

We can provide fittings according to foreign legislations. The painting is made of synthetic enamel, dye RAL 3000 for outdoor use.

All fire extinguishers must be equipped with a hydrant kit cabinet. Each hydrant kit cabinet must be equipped with:

- sheet metal cabinet
- unbreakable pane
- three flow settings nozzle
- hose protection saddle
- certified hose
- hydrant wrench

#### PILLAR HYDRANTS ACCORDING TO UNI EN14384 IN CAST IRON

All hydrants are of the dry type, so they are equipped with a equipped with an antifreeze automatic discharge. outlets are made with a threaded male fitting according to UNI 810 in brass EN 1982.

#### HYDRANTS WITHOUT BREAK LINE

DN	DEPTH	N. x OUTLETS	CAP CAST IRON	€	CAP BRASS	€
80	500	2 x 70	0781	€ 826,00	0781-1	
80	700	2 x 70	0782	€886.40	0782-1	
80	1000	2 x 70	0783	€ 948,70	0783-1	
100	500	2 x 70	0787	€1,013.00	0787-1	
100	700	2 x 70	0788	€ 1.079,40	0788-1	
100	1000	2 x 70	0789	€ 1.143,70	0789-1	
100	500	2 x 70 - 1 x 100	1542	€1,120.40	1542-1	
100	700	2 x 70 - 1 x 100	1542-2	€1,180.70	1542-3	
100	1000	2 x 70 - 1 x 100	1542-4	€1,247.00	1542-5	

#### HYDRANTS WITH BREAK LINE

DN	DEPTH	N. x OUTLETS	CAP CAST IRON	€	CAP BRASS	€
80	500	2 x 70	0784	€1,001.40	0784-1	
80	700	2 x 70	0785	€1,063.70	0785-1	
80	1000	2 x 70	0786	€1,106.40	0786-1	
100	500	2 x 70	0790	€1,196.20	0790-1	
100	700	2 x 70	0791	€1,254.70	0791-1	
100	1000	2 x 70	0792	€1,318.90	0792-1	
100	500	2 x 70 - 1 x 100	1613	€1,297.70	1613-1	
100	700	2 x 70 - 1 x 100	1613-2	€ 1.358,00	1613-3	
100	1000	2 x 70 - 1 x 100	1613-4	€1,424.00	1613-5	



In addition, each cabinet must be marked with a sign

Codes and dimensions of signs can be found in the "signs" section



The Italian appendix of the norm UNI EN 14384 does not include the installation of the cast iron Cap.

## FEMALE CAP FOR HYDRANTS



IN RED PAINTED CAST IRON, WITH GASKET AND CHAIN

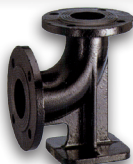
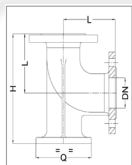
CODE	DESCRIPTION	PRICE
0822	UNI 45 M 56x4	
0823	UNI 70 M 85x6	
0824	UNI 100 M 115x6	

## FEMALE CAP, FORM A

In brass EN 1982, with gasket and chain



CODE	DESCRIPTION	PRICE
0825	UNI 25 standard UNI 7421 M 43x3	
0826	UNI 45 Standard M 56x4	
0827	UNI 45 standard UNI 7421 M 56x4	
0828	UNI 70 Standard M 85x6	
0829	UNI 70 standard UNI 7421 M 85x6	



## FLANGED BENT TUBE ACCORDING TO UNI EN 1092-2 PN 16

Bent tube in cast iron according to UNI EN 1503-3, painted in black

CODE	Description	L	Q	H	PRICE
0832	DN 50	150	150	245	
0833	DN 65	165	165	265	
0834	DN 80	165	180	275	
0835	DN100	180	200	305	

## MALE CAP FORM A SUITABLE FOR MOTORPUMP FITTING UNIT



It stops the entry of foreign objects, as required by the norm UNI EN 10779

In brass EN 1982, threaded male fitting UNI 810 with gasket and chain

CODE	DESCRIPTION	PRICE
0830	UNI 45 M 56x4	
0831	UNI 70 M 85x6	

## STANDARD FLANGED UNDERGROUND HYDRANT WITH OUTLET UNI 810 IN BRASS



In cast iron according to UNI EN 1503-3, with antifreeze automatic discharge; brass outlet EN 1982 and cap. The verification of the possible uses of the models without CE marking is ut to the customer, because the company cannot go into the details of the specific applications

CODE	DESCRIPTION	H	L	PRICE
0793	DN 50, brass outlet UNI 45	490	257	
0794	DN 70 (65), brass outlet UNI 70	470	306	
0795	DN 80, brass outlet UNI 70 - CE Marking	470	307	

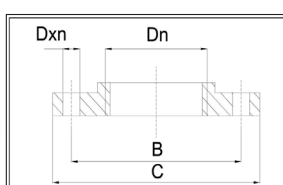
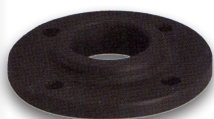
## UNDERGROUND HYDRANT ACCORDING TO UNI EN 14339 FLANGED WITH BAYONET OUTLET

In cast iron according to UNI EN 1503-3, with antifreeze automatic discharge; bayonet outlet in cast iron and cap. The verification of the possible uses of the models without CE marking is ut to the customer, because the company cannot go into the details of the specific applications

CODE	DESCRIPTION	H	L	PRICE
0796	DN 50, brass outlet UNI 45	490	257	
0797	DN 70 (65), brass outlet UNI 70	470	306	
0798	DN 80, brass outlet UNI 70 - CE Marking	470	307	



## THREADED STEEL FLANGE PN 16 EN1092-1 - Gaskets and bolt series excluded



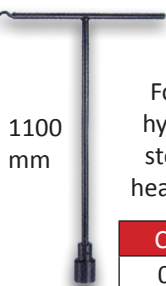
CODE	DESCRIPTION	holes	DN	C	B	D	PRICE
0818	DN 50	4	2 gas	165	125	18	
0819	DN 65	4	2" 1/2 Gas	185	145	18	
0820	DN 80	8	Gas	200	160	18	
0821	Dn100	8	4 gas	220	180	18	

## SWAN NECK FOR UNDERGROUND HYDRANTS UNI EN 14339



In Brass and steel, female fitting UNI 811 in brass EN 1982 or bayonet male adjustable outlet UNI 810

CODE	DESCRIPTION	H	L	PRICE
0799	Fitting UNI 45 F, outlet UNI 45 M	630	265	
0800	Fitting UNI 70 F, outlet UNI 70 M	755	318	
0801	Fitting UNI 45 F, outlet UNI 45 M with gate	715	265	
0802.	Fitting UNI 70 F, outlet UNI 70 M with gate	870	318	
0803	Bayonet fitting DN 50, outlet UNI 45 M	660	265	
0804	Bayonet fitting DN 70, outlet UNI 70 M	770	318	
0805	Bayonet fitting DN 50, outlet UNI 45 M with gate	745	265	
0806	Bayonet fitting DN 70, outlet UNI 70 M with gate	885	318	



## HYDRANT WRENCH

For underground hydrant in painted steel with square-head wrench 28 mm

CODE	PRICE
0775	



## HYDRANT WRENCH

For opening/closing the hydrant and caps for pillar hydrant UNI EN 14384

CODE	PRICE
1273	



## HYDRANT WRENCH

For fitting UNI 45/70 in steel type A

CODE	PRICE

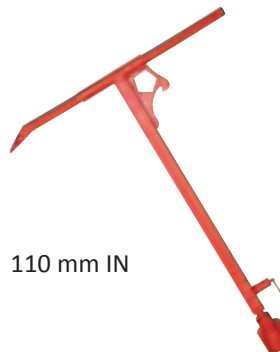
## MANHOLE FOR UNDERGROUND



In cast iron, painted in black, H 310 mm  
Suitable for hydrants DN 65-80-100

CODE	PRICE
1244	

## TELESCOPIC HYDRANT WRENCH FOR PILLAR HYDRANT



110 mm IN

-REMOVAL OF MANHOLE CAPS  
-OPERATION OF UNDERGROUND HYDRANTS/  
GATES  
-OPERATION OF PILLAR HYDRANTS  
-OPERATION OF PILLAR HYDRANT CAPS  
-REMOVAL OF MANHOLE CAPS  
-OPERATION OF UNDERGROUND  
HYDRANTS/GATES

CODE	PRICE
0775-1	

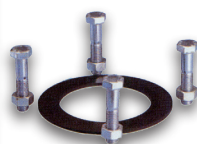
## VANDAL RESISTANT COWLING FOR PILLAR HYDRANTS

In aluminium, red painted RAL 3000



CODE	DESCRIPTION	PRICE
0807	For hydrant DN 50	
0808	For hydrant DN 65/80	
0809	For hydrant DN 100	

## GASKET AND BOLT SERIES UNI EN 22014



In galvanised steel

CODE	DESCRIPTION	H	L	PRICE
0810	For flanges DN 50	4	M16	
0811	For flanges DN 65	4	M16	
0812	For flanges DN 80	8	M16	
0813	For flanges DN 100	8	M16	

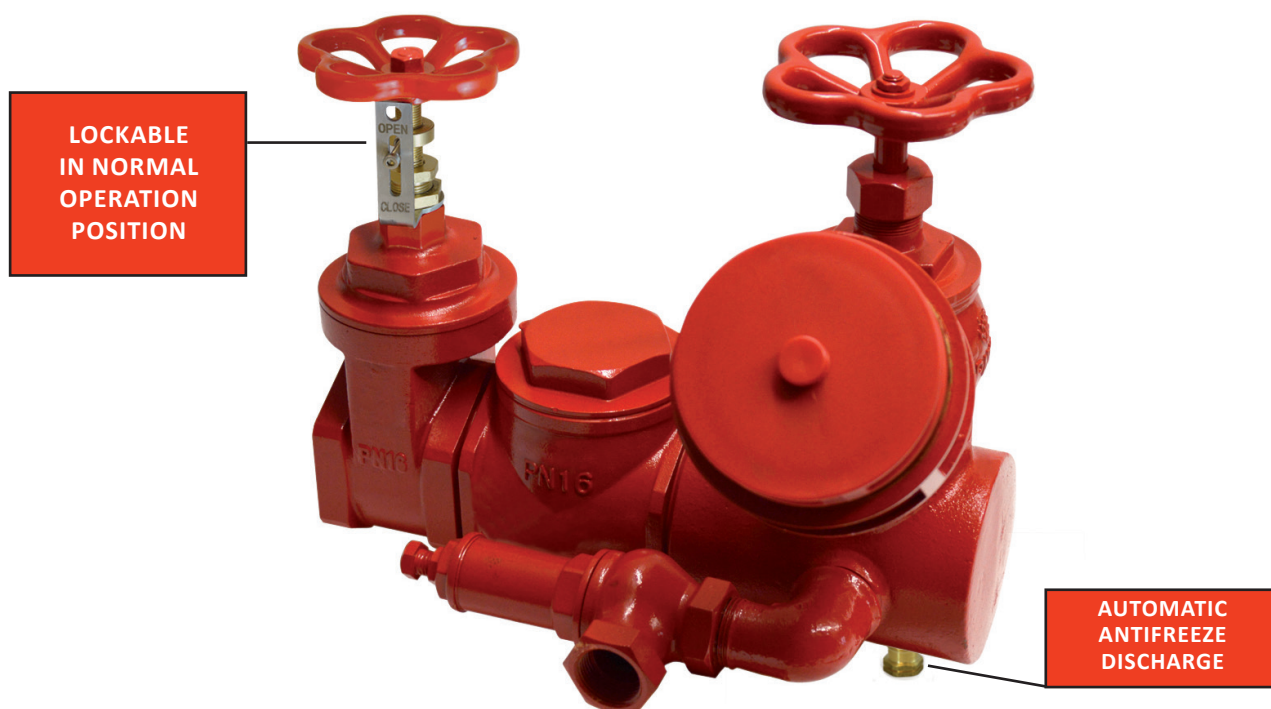
## RUBBER GASKETS UNI FOR FITTINGS



CODE	DESCRIPTION	external ø	Internal		PRICE
0814	UNI 803 for fitting DN 25	34	22	2	
0816	UNI 813 for fitting DN 45	56	41	3	
1038	UNI 813 for fitting DN 70	85	65	4	
1039	UNI 813 for fitting DN 80	95	75	4	



## NEW CHECK UNITS FOR FIRE TRUCK ACCORDING TO UNI 10779:2014



- Shut-off valve, UNI 11443 standard (with opening indicator lockable in open position)
- Automatic antifreeze discharge, no longer manual.
- Table for the selection of the unit according to the level of danger

**Taken from the Standard 10779: 2014: "the device constituting the delivery fitting for the fire truck Must include:**

Systems with only wall hydrants or reels



- Delivery unit with fitting DN 70

Hydrant systems with external protection dimensioned for 600-1200 l / min



Delivery group at least DN 80/3 "with two DN 70 fittings

Hydrant systems with external protection dimensioned for 1800 l/min



Delivery group at least DN 100/4 "with three DN 70 fittings

CABINET FOR MOTOR-PUMP UNIT WITH FRAME FOR PANE EXCLUDED



RAL  
3000

ACCIAIO

Dim. 600x300x460H for units 2 "-2" 2 Hydrants 1/2

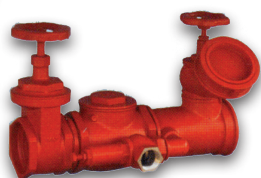
CODE	DESCRIPTION	PRICE
0940A	Painted steel, red RAL3000	
1992SW	Smoked pane Safe Window	
0939	Galvanized steel, not painted	
0894SW	Smoked pane Safe Window	

Dim. 990x515x560H for units 3 "- 4"

CODE	DESCRIPTION	PRICE
0946A	Painted steel, red RAL3000	
1994SW	Smoked pane Safe Window	
0945	Galvanized steel, not painted	
0893SW	Smoked pane Safe Window	

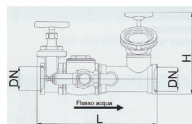
Dim. 800x415x460H for units 5 "- 6" 2 Hydrants

CODE	DESCRIPTION	PRICE
0943A	Painted steel, red RAL3000	
1993SW	Smoked pane Safe Window	
0942	Galvanized steel, not painted	
0892SW	Smoked pane Safe Window for 0942	



IN-LINE MOTORPUMP FITTING UNIT

Made of EN 1982 brass,  
UNI 70 female fitting, UNI  
808 standard; female water  
fittings GAS ISO 228

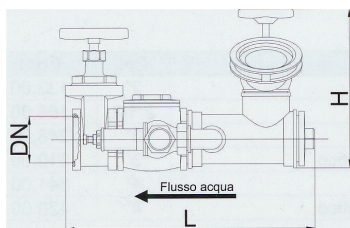
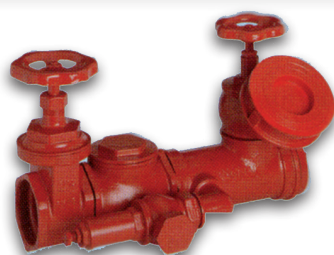


NB The "In Line" model is no longer standard and is only provided for substitutions

CODE	Description	DN	L	H	PI	PRICE
0856	Horizontal with 1 hydrant	2"	320	225	180	
0857	Horizontal with 1 hydrant	2"1/2	350	230	183	
0859	Horizontal with 1 hydrant	3"	400	250	185	
0861	Horizontal with 1 hydrant	4	435	300	200	

The fittings must be marked in such a way as to allow the immediate identification of the system that they supply; they must be marked by signs.

All the signs, dimensions and codes can be found in the "Signs" section.



MOTOR-PUMP CHECK FITTING UNIT UNI 10779  
THREADED WITH FITTINGS UNI70 - UNI804  
MADE IN BRASS EN 1982

CODE	Description	DN	L	H	PI	PRICE
0837	Horizontal with 1 hydrant	2"1/2	365	250	183	
0839	Horizontal with 1 hydrant	3"	430	265	185	
0840	Horizontal with 2 hydrant	3"	585	265	185	
0842	Horizontal with 2 hydrants	4	625	300	235	

Female threaded water  
fitting ISO 228 GAS,  
calibrated safety valve  
12 bar

NB: The vertical motor pump unit is obtained by rotating the hydrant tap clockwise by 90 °

CAP FOR MOTOR PUMP FITTING UNIT



CODE	DESCRIPTION	PRICE
1537	In Red polypropylene UNI70 Male	
0831	In Brass EN1982 UNI70 M85x6 Male	



## GATES WITH OPENING INDICATOR UNI 10779 AND UNI 11443 HANDWHEEL EXCLUDED

CODE	Dn	Type	PRICE
2189	50	Flat	
2189-1	65	Flat	
2189-2	80	Flat	
2189 3	100	Flat	
2189-4	125	Flat	
2189 5	150	Flat	
2189 6	200	Flat	
2189-7	250	Flat	
2189 8	300	Flat	

Drilled and dimensioned flanges PN10 and PN16 according to the UNI EN 1092-2 standard with opening indicator parallel to the shaft. Lockable according to UNI 10779 and UNI 11443.



HANDWHEEL FOR DN65-80	
CODE	PRICE
10	

Event flyer	
CODE	PRICE
2189-11	

## Y filters



Cast iron body, steel filter.

Flanged filter according to EN 1092-2 PN16

CODE	Dn	PRICE
2190	50	
2189-1	65	
2190-2	80	
2189 3	100	
2189-4	125	
2189 5	150	
2190-6	200	
2189 7	250	
2190-8	300	

## CLAPET CHECK VALVE

CODE	Dn	PRICE
2191	50	
2191-1	65	
2191-2	80	
2191-3	100	
2191-4	125	
2191-5	150	
2191-6	200	
2191-7	250	
2191-8	300	

Check valve for water PN16

Cover and body in cast iron, rubber check plate





### BUTTERFLY VALVE WAFER PN 16



CODE	Dn	PRICE
2192	40	
2192-1	50	
2192-2	65	
2192-3	80	
2192-4	100	
2192-5	125	
2192-6	150	
2192-7	200	
2192-8	250	

Lever wafer type for insertion between flanges. Spheroidal cast iron body GGG40 and stainless steel lens. Complies with UNI 10779 and UNI 11443 with lockable opening

### BUTTERFLY VALVE LUG TYPE PN 10/16

CODE	Dn	PRICE
2194	40	
2194-1	50	
2194-2	65	
2194-3	80	
2194-4	100	
2194-5	125	
2194-6	150	
2194-7	200	
2194-8	250	



### BUTTERFLY VALVE WITH PN16 REDUCER WAFER TYPE FOR INSERTION BETWEEN FLANGES



CODE	Dn	PRICE
2193	40	
2193-1	50	
2193-2	65	
2193-3	80	
2193-4	100	
2193-5	125	
2193-6	150	
2193-7	200	
2193-8	250	
2193-9	300	

Lever wafer type for insertion between flanges. Spheroidal cast iron body GGG40 and stainless steel lens. Complies with UNI 10779 and UNI 11443 with lockable opening

### DISFITTINGS



CODE	Dn	PRICE
2195	65	
2195-1	80	
2195-2	100	
2195-3	150	
2195-4	200	
2195-5	250	

Controllable with built-in funnel when the pressure zone is reduced. Protection for the hydrant system interrupting the continuity through the automatic process of emptying and unloading of the

## FOAMING AGENTS APPROVED IN ACCORDANCE WITH UNI EN 1568: 2008 - PART. 1, 2, 3, 4 - NOTES ON LEGISLATION

The standard is divided into four chapters:

### UNI EN 1568-1

Specifications for medium-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

### UNI EN 1568-2

Specifications for high-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

### UNI EN 1568-3

Specifications for low-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

### UNI EN 1568-4

Specification for low-expansion concentrated foaming agents for applying to the surface of liquids that are miscible with water.

#### CHAPTER 1

Refers to medium-expansion foaming agents for hydrocarbons (e.g. Synthetic HIEG used with medium-expansion generators, that is, with a ratio of <1:20-200). The fire test, conducted on heptane, requires that the foaming agent has the following performances:

**EXTINCTION:** within 120 seconds - **RESISTANCE TO RIACCENSION 1%:** not less than 30 seconds

#### CHAPTER 3

Refers to low-expansion foaming agents (e.g. AFFF or AR-AFFF used with nozzles for low expansion i.e. with a ratio of <1:20) used on hydrocarbons. This is the most complex section of the legislation.

The test fire, conducted on heptane, classifies the foaming agent according to the following performances:

Extinction class of settlement	Level of Resistance to re-ignition	Indirect jet application		Direct jet application	
		Extinction not exceeding minutes	Re-ignition not exceeding minutes	Extinction not exceeding minutes	Re-ignition not exceeding minutes
I	A	Not applicable		3	10
	B		15	3	Not applicable
	C		10	3	
	D		5	3	
II	A	Not applicable		4	10
	B		15	4	Not applicable
	C		10	4	
	D		5	4	

#### CHAPTER 4

Refers to low-expansion foam (e.g. AFFF or AR-AFFF used with nozzles for low expansion i.e. with a ratio of <1:20) used on polar solvents. The fire test, carried out only on acetone in the 2000 version of the legislation, now also includes the fire test on isobutyl alcohol.

Extinction class of settlement	Level of resistance to re-ignition When starting again	Extinction not exceeding minutes Extinction not exceeding minutes	Re-ignition not exceeding minutes Extinction not exceeding minutes
I	A	3	15
	B	3	10
	C	3	5

## Foaming agents characteristics

Product	Use	Features
A.F.F.F.	For Class B fires Hydrocarbons only	Fluorosynthetic film-forming foaming liquid. Usable at low and medium expansion, it is the ideal foam for airport use, for twin-agent vehicles, for sprinkler systems, for large-scale oil fires. Available in concentrations from 0.5% to 6%
Fluoroprotei- naceous	For Class B fires, Suitable for hydrocarbons and alcohols (polar solvents)	Fluorosynthetic filming Foaming Fluid, suitable for the extinction of hydrocarbons and alcohols. Universal, for it can be used for fires of various kinds. Usable at low and medium expansion, ideal for large petrochemical complexes with the presence of flammable liquids, both hydrocarbons and alcohols
Synthetic	For Class B fires, suitable for hydrocarbons	High expansion synthetic foaming liquid. Suitable for fires of pump rooms, engine rooms, warehouses with high expansion foam chambers.
Protein-based		First generation foaming agent based on animal proteins. Not certified


POLYVALENT CABINET  
WATER - FOAM

CODE	PRICE
1506	

Dimensions: 1100x300x880h

## SUPPLIED WITH

1 nozzle for low-expansion foam UNI 45 200 L / min	1 mixer UNI 45 adjustable 1-6%
1 adjustable water nozzle with three effects UNI 45 135 L / min	1 Hose EN 14540 UNI 45 20 m

## TECHNICAL DATA

Multi-purpose water - foam hose reel cabinet for high-risk activities.

10/10 cabinet made from electro-galvanised sheet steel with red RAL3000 epoxy powder painting fitted with venturi-effect mixer with foam mixture setting from 1% to 6%, depending on the type of foam used.

Prepared for casing 2 x 25 L foam drums, equipped with low- and medium-expansion foam nozzle made from triple effect steel nozzle to use only with water and casing for a UNI 45 20 m hose.

The cabinet can be installed on the wall or on a double-shaft stand (optional code 1939).





## FOR PROFESSIONAL USE ONLY

The mobile units in the Vulcano series are suitable for large class A – B fires , such as fire involving solid and flammable products. A 20 m hose connected to a pillar fire hydrant or other supply source enables a mixture of water and concentrated foaming agent to be delivered with a percentage ranging from 3% to 6%.

The mobile unit Lt. 100 L mobile unit runs autonomously for about 15 min. with a mixture of 3% and an action radius of 20 m, equal to the length of the hose connected to the low- and medium-expansion nozzle.

Minimum operating pressure 4 Bar. Optimum operating pressure 5-12 Bar.

Produces up to 400 cubic metres of foam in 30 minutes of autonomous operation with coverage of 4000 m<sup>2</sup>.

UNI 45  
100 Lt

Available  
on request  
DN 70 version  
with nominal  
capacity  
400l / min



CODE

1995

PRICE

UNI 45  
200 Lt

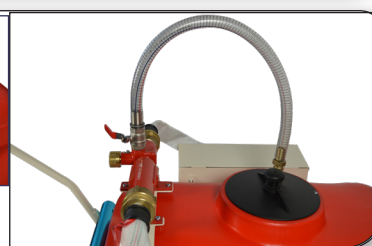
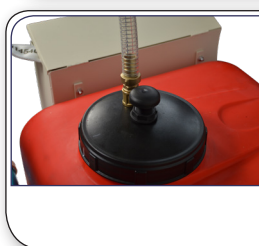
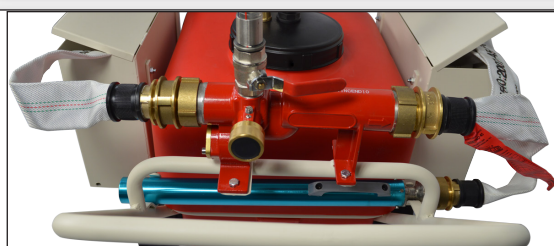
Available  
on request  
DN 70 version  
with nominal  
capacity  
400l / min



CODE

1996

PRICE



### TECHNICAL SPECIFICATION LT.100

Standard equipment	Technical specifications	Dimensions and weight
Red polyethylene tank, shockproof, 105 litre capacity	Nominal flow rate: 100 lt	Height 1150 mm
Tubular steel frame painted with epoxy-polyester powder	Expansion ratio: 1: 10/12	Width 880 mm
Level indicator band and foaming agent filter	Foam range: 10-16 m	Length 1100 mm
Adjustable in-line mixer 3-6%	Minimum pressure: 0.3 MPa	Wheel diameter 400 mm
Low-expansion foam nozzle with flow rate of 200 l/min and expansion ratio 8:1	Other types of foaming liquid available on request	Vacuum Weight: 51 kg

### TECHNICAL SPECIFICATION LT.200

Standard equipment	Technical specifications	Dimensions and weight
Red polyethylene tank, shockproof, 210 litre capacity	Nominal flow rate: 200 lt	Height 1150 mm
Tubular steel frame painted with epoxy-polyester powder	Expansion ratio: 1: 10/12	Width 890 mm
Level indicator band and foaming agent filter	Foam range: 10-16 m	Length 1450 mm
Adjustable in-line mixer 3-6%	Minimum pressure: 0.3 MPa	Wheel diameter 400 mm
Low-expansion foam nozzle with flow rate of 200 l/min and expansion ratio 8:1	Other types of foaming liquid available on request	Vacuum weight: 70 kg

## USE AND APPLICATION

## PILLAR HAND TRUCK L100 / 200

WITH:

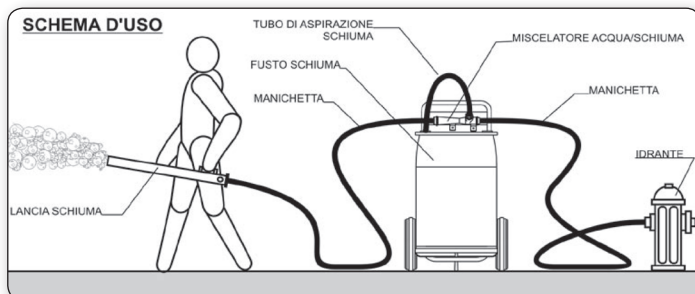
N.1 Manual wrench

N.2 Hoses

N.1 Nozzle

N.1 Hand truck with wheels and mixer with foam float

N.1 Polypropylene Cabinet for equipment

GRUPPO  
MOBILE FOAM

## HAND TRUCKS FOR MOBILE UNITS

CODE	DESCRIPTION	PRICE
1692-1	UNI 45 Low-expansion nozzle	
1692-2	UNI 45 Medium expansion nozzle	
1692-3	UNI 70 Low-expansion nozzle	
1692-4	UNI 70 Medium expansion nozzle	

## FILMING AFFF

25L	€	100 L	LT	200 L	LT	% use	Notes
2070	€ 260.00			1964	€ 6.90	3	
9598	€196.60	9485	€ 5.40	9486	€ 5.40	6	
		9601	€7.40	ex 9602	€7.40	6	Homologation EN 1568-4
		9485-1	on request	9486-1	on request	6	Temperature -20 ° C

## FILMING AFFF-AR

25L	€	100 L / min	LT	200 L / min	LT	% use	Notes
2071	€ 441.70					3	
9599	€ 247,40	9487	€ 8,50	9488	€ 8,50	6	UNI EN 1568-4
9600	€250.70					6	

## SYNTHETIC - HIGH EXPANSION

25L	€	100 L / min	LT	200 L	LT	% use
1725	on request			2140	€ 5.90	3

All marketed foaming agents are suitable for use with sea water.

To purchase the complete mobile unit choose the type of foam needed and the type of hand truck complete with accessories.

## LOW-EXPANSION FOAM NOZZLE

### LOW EXPANSION NOZZLE IN STAINLESS STEEL AISI304

CODE	UNI	Flow Rate	Foam Yield	PRICE
0450	45	(L / min.200 5 BAR)	(L / min 2000)	
0451	70	(L / min.400 5 BAR)	(L / min 2700)	



## MEDIUM-EXPANSION FOAM NOZZLE

### LOW EXPANSION NOZZLE IN STAINLESS STEEL AISI304

CODE	UNI	Flow Rate	Foam Yield	PRICE
0452	45	(L / min.200)	(Mc / 18 min)	



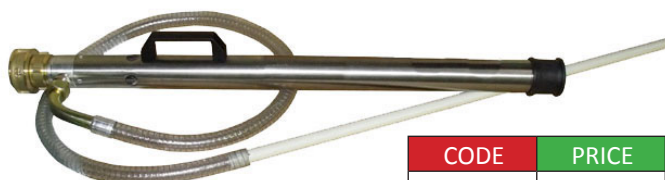
## SUCTION FLOAT



Foam suction float that consists of a PVC tube and a high-strength transparent spiral tube.  
It is supplied without fitting for Venturi Mixer

CODE	PRICE
1769	

## LOW EXPANSION PORTABLE FOAM NOZZLE WITH SELF-CONTAINED MIX 0-6%



CODE	PRICE
0450-1	

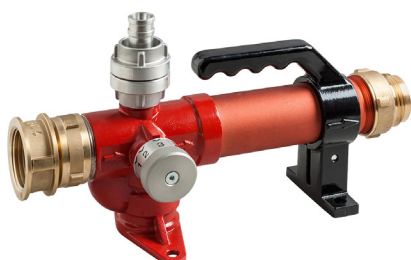
## PROTECTION COVER

The cover guarantees the protection of the mobile unit from atmospheric agents, safeguarding the physical-chemical characteristics of the extinguishing agent present in the foam drum.



CODE	PRICE
1471	

## ADJUSTABLE FOAM LINE MIXER "VENTURI"



### FOAM LINE MIXER

CODE	UNI	L / min 5 BAR	Mix	PRICE
0404	45	200	3-6%	
0454	70	400	3-6%	



### MANUAL TEST PUMP

Manual pump for testing up to 40 bar of fire extinguishers and hoses.

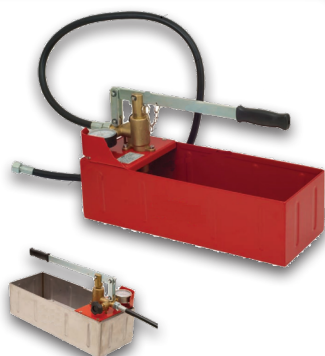
Equipped with high pressure flexible hose with 1/2 "F fitting.

Tank 12 L

Dimensions 500x190x280 mm

Fitting M30x1,5 included

Fitting for UNI45-UNI70 hoses cod. 1998-5 € 241.70



CODE	DESCRIPTION	PRICE
1998	In Painted Steel up to 40 Bar	
1998-2	In Stainless Steel up to 40 Bar	

### TEST PUMP

Pump with electric motor for testing hoses and fire extinguishers up to 50 BAR, with Heating tape pressure regulator and adjustment hose

Fitting M30x1,5 included



CODE	PRICE
1998-3	

Hose fitting

UNI45-UNI70 cod. 1998-5 € 241.70



1



2

### PRESSURE AND FLOW RATE MEASURING KIT

The pressure and flow rate kit is to be used for the measurement of static pressure in hydrant systems.

The determination of water flow according to the dynamic pressure for hydrants UNI45, UNI70 and reels UNI25 in hydrants systems existing in regulated and non-regulated activities, in compliance with Presidential Decree 12/01/1998 n. 37.

The determination of water flow according to the residual pressure for hydrants UNI45, UNI70 and reels UNI25 with reference to point E.4.1 of the UNI EN671-2-1196 standard; the measurement must be carried out for the verification of fire-fighting systems in compliance with the UNI 10779 standard.

The hydrostatic test of hydrant pipes must be carried out in compliance with the provisions of the UNI 10779 standards (Point 9.1.2 - Execution of the inspection)

	CODE	PRICE
1	0870-1	
2	0870	

For professional technicians

1. With precision pressure gauge Ø 100

2. With precision pressure gauge Ø 160 with summary tables kit for testing water systems (compliant with UNI 6884) Included

### HAND TRUCK FOR HOSES HYDRAULIC TEST

Stainless steel structure Dim. Approx. 800x480x1100

Hose winding gearmotor with foot control

Hose winding gearmotor with mechanical safety clutch

Motor-pump box for Start/Stop controls

Mechanical safety valve calibrated at 20 Bar

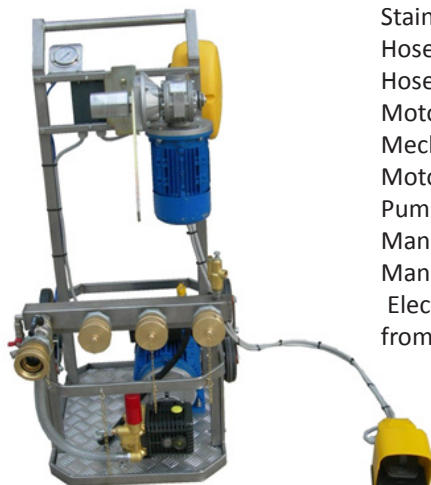
Motor pump Volt 220 HP 2.0

Pump flow rate 15 lt. per minute Bar 200

Manual pressure adjustment knob

Manifold No. 04 with hose fittings UNI 45

Electric cable winding machine with spring return Kw 1,8 from MT. 17



CODE	PRICE
1534-3	

## CASE FOR HOSES TEST KIT



Kit consisting of divider and pressure gauge for testing air hoses with fittings UNI45 and UNI70

CODE	PRICE
1356	

## HOSE TEST HANK TRUCK

Stainless steel structure  
Dim. 800x630x1200 h  
weight kg. 70 approx.  
Power supply Compressor  
Volt 220 Kw 1,5 20 Bar max  
+ tank 18 lt.  
Pressure regulator  
security pressure switch  
Mechanical safety valve.



CODE	PRICE
1534 -	

## BENCH HOSE WINDING MACHINE



CODE	PRICE
0443	

Bench hose winding machine with screw vice fitting or the appropriate casing in the Family05 machine. It allows easy, quick and correct rewinding of the hoses, with an adequate elimination of the water inside the hose. Very useful for practical fire tests and for rewinding after the hydraulic test required by the UNI EN 671-3 standard.

## PRESSURE DETECTION CAP

Cap for static pressure detection with:  
Pressure gauge in glycerine bath (0-25 Bar)  
Air vent valve



CODE	DESCRIPTION	PRICE
0867	Fitting UNI 25	
0868	Attack UNI 45	
0869	Attack UNI 70	

Replacement pressure gauge in glycerine bath



CODE	PRICE
1151	

With quick fitting for cap

## HOSE CONNECTING MACHINE WITH PNEUMO-HYDRAULIC PEDAL

Analogic height indicator, with maximum pressing diameter 90 mm  
With drawer for clamps



Dimensions 550x450x354mm  
90 kg

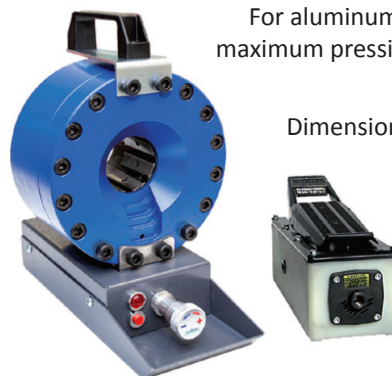
Clamp series sold separately

CODE	PRICE
8978	

## HOSE CONNECTING MACHINE WITH PNEUMO-HYDRAULIC PEDAL

For aluminum fittings with a maximum pressing diameter of 46

Dimensions 200x320x330mm  
22 Kg/m2



Clamp series sold separately

CODE	PRICE
8978-1	





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Machineries and instruments for maintenance-	133

2

# FIREFIGHTING



## VOLUNTARY PRODUCT CERTIFICATION




**Certificato di Conformità**

Rilasciato a  
**EMME ANTINCENDIO SRL**  
 SEDE LEGALE  
 Viale Giacomo Matteotti, 9  
 50121 FIRENZE (FI)  
 SEDE OPERATIVA  
 Via Del Molino, 40 – Fraz. Corsalone  
 52010 CHIUSI DELLA VERNA (AR)

Bureau Veritas Italia S.p.A. - Divisione Certificazione certifica che  
 i seguenti prodotti:

**ESTINTORI PORTATILI E CARRELLATI A POLVERE-SCHIUMA-ANIDRIDE CARBONICA  
 RICHIAMATI AL CAP. 5 DEL DISCIPLINARE DI EMME ANTINCENDIO DP-01 REV. 4**

Sono stati valutati e giudicati conformi ai requisiti specificati nei  
 documenti:

**DISCIPLINARE DI EMME ANTINCENDIO DP-01 Rev. 4 del 27/02/2014**

In relazione alle seguenti caratteristiche:

- Acquisto di agenti estinguenti (Polvere, Schiuma, Co2) provenienti da produttori Italiani ed Europei con stabilimenti siti in un Paese dell'Unione Europea e presenti nell'elenco dei Fornitori Qualificati.
- Esecuzione delle fasi di assemblaggio estintori e collaudo eseguito in Italia nello Stabilimento EMME ANTINCENDIO SRL di Corsalone come da dettaglio richiamato nel Disciplinare DP-01 Rev. 4

Certificazione rilasciata in conformità a:

**REG-02 – Rev. 04 "REGOLAMENTO  
 PER LA CERTIFICAZIONE DI PRODOTTO/PROCESSO/SERVIZIO  
 I & F BUREAU VERITAS ITALIA"**

Data inizio validità: 27/02/2015  
 Scadenza: 26/02/2018

La validità del presente certificato è subordinata a sorveglianza periodica delle condizioni di produzione  
 e controllo ed è consultabile sul sito web: [www.certification.bureauveritas.it](http://www.certification.bureauveritas.it)  
 Ulteriori chiarimenti riguardanti l'oggetto di questo certificato possono essere acquisiti contattando  
 l'Intestatario del presente certificato.

  
**LODOVICO JUCKER – Local Technical Manager**

Data: 27/02/2015  
 Certificato N°: 876/001



The voluntary Product Compliance Certification stems from Emme Antincendio S.r.l.'s need to position, enhance, and differentiate its products on the global market, guaranteeing customers products designed, manufactured, and tested at various stages of the production cycle.

The Product Specification for Defined Characteristics for sample testing is implemented in order to define the requirements for assembling extinguishers, using fire extinguishing agents produced by primary suppliers with plants located in an EU country, and checking the tightening torque of the tank valve of portable and wheeled powder, foam, and CO2 fire extinguishers built in Italy for Product Certification by an independent body. Our company goal is to enhance the high safety level of our

products, create added value, highlight the qualitative characteristics of extinguishing agents purchased from Italian and European industry leaders, generating confidence and transparency with its customers. The Product Conformity Certification will be highlighted on Emme Antincendio products by applying a certified product label in accordance with Specification DP-01 rev.4.

**Certificazione Volontaria di Prodotto**

**BUREAU VERITAS ITALIA S.p.A.**  
**Certification**

Caratteristiche definite:  
 - Acquisto di agenti estinguenti di provenienza Europea  
 - Linea di assemblaggio estintori eseguita nello stabilimento  
 EMME ANTINCENDIO S.r.l. Via del Molino, 40 - Corsalone (AR) - ITALIA

**Certificato n. 876/001**

**Estintore certificato in conformità al Disciplinare DP-01 Rev.3**

Z2280

The Product Compliance Certification is our added value...

**FIRE CLASSES ARE DEFINED AT EUROPEAN LEVEL BY EN2 AND EN3 NORMS AND THEY BECOME DETERMINED WITH EXAMINATIONS BY MENTIONED RULES**

## DIFFERENT KIND OF FIRE EXTINGUISHERS FOR DIFFERENT NECESSITIES

Fire extinguishers are not all the same, but they can modify themselves based on the kind of fire extinguishers, on the productive type in order to identify what kind of fire class based on the kind of flammable we are into.

Fires could be divided in **5 classes**, according to the features of fuel materials, determined by the standard **UNI EN 2:2005**.

This classification is useful, particularly in the branch of the struggle through extinguishers against fires. The classification of fires is quite another thing that theoretical, such as the classification permit to identify the class of the risk that correspond an accurate fire prevention action and an appropriate choice about what kind of extinguishing; this is because **not all extinguishing substances can be indifferently employed above all kinds of fires**. The Law do not define a class fire with an electrical risk.



### CLASS A

### FIRES FROM SOLID MATERIALS

Fires of **solid materials- solid fuels**

**SOLID FUELS** (wood, paper, carbon, shavings, leather, rubber and derived, etc ...). The combustion manifest itself with the consumption of fuel frequently and often, luminescent like embers, and with a low emission of flame. In this case must mainly intervene with water-based extinguishing to cool down the fuel otherwise with chemical dust that inhibit the formation of substances measures to maintain the act of combustion.

#### EXTINGUISHING AGENTS



### CLASS B

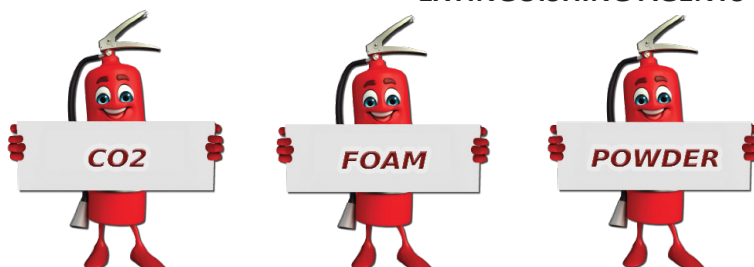
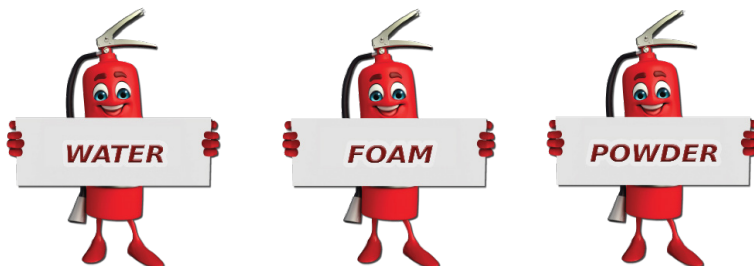
### FIRES FROM FLAMMABLE LIQUIDS

Fires from **liquids or liquefiable solids – Liquid fuels**

**FLAMMABLE LIQUIDS** (petrol, diesel, alcohol, etc...)

They disclose the highest calorific power and are used both in internal combustion engines, in heating systems, and in various types of cleaning products. The indicator of major and minor combustibility of a liquid is provided by the temperature of flammability. It must act, seeking the separation of fuel and combustible, using for example, the effectiveness of foam.

#### EXTINGUISHING AGENTS



## FIRE CLASSES

### CLASS C

### FIRES FROM FLAMMABLE GAS

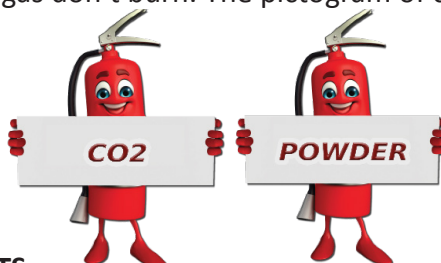


Fires of **inflammable gas** – gaseous fuels.

INFLAMMABLE GAS (propane gas, methane, hydrogen, etc...)

This fuel's characteristic is not to possess their shape or volume. Combustible gases are very dangerous if combined in air, with the opportunity available to generate explosions. The extinguish action shall be exercised through the action of cooling, of separation of the mixture of gas-air. Indeed, beyond well-defined proportions of blending, the fuel gas don't burn. The pictogram of class C must be applied only on powder fire extinguishers with a stamp indicating the class C eligibility, only in extinguishers that have passed the class B shut-off test or that have passed the class A and B shut-off test.

#### EXTINGUISHING AGENTS



### CLASS D

### FIRES FROM FLAMMABLE METAL



Fires of **flammable metals**.

Flammable metals (magnesium, potassium, sodium, etc...)

Class D fires referring to very special kind of solid's reaction, mostly metals, that have the characteristic to interact, violently too, with common methods of extinguishing, in particular with water. The most common combustible elements which give rise at this combustible category are: light alkali earth metals which magnesium, manganese, aluminium (the last one only in powder), alkali metals which sodium, potassium, lithium. Are classified as fires of this category, peroxides, chlorinated and perchlorates reactions too. This class of fires doesn't provide for shut-off test to determinate the capability of extinguishing. Only trained and qualified personnel can use this kind of fire extinguishers.

#### EXTINGUISHING AGENT



### CLASS F

### FIRES FROM OILS AND FATS

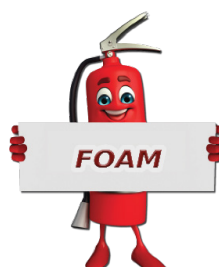


Fires of **animal or vegetable oils and fats**.

Fires that involving means of cooking, cooking oil and animal or vegetable oils and fats, in domestic cooking appliances: introduced by the UNI EN 2:2005 standard; in accordance with the rules concerning regulatory measures, the standard EN2 have "the standard status of Italian national", which means duties of compliance and observance. The standard UNI EN 3-7:2008 specifies that powder fire extinguishers and those CO2 should not be used for class F fires and their use of such fires is considered dangerous. For this reason the abovementioned fire extinguishers do not require to be tested according to the standard UNI EN 3-7:2008 and they must not be marked with class F pictogram.

The D.M. 3/8/2015 provides for the fire's class F for new local and renovations of them, existing subjects of C.P.I.

#### EXTINGUISHING AGENT





# PORTABLE POWDER EXTINGUISHERS

## UNI EN 3-7 - D.M. 7/1/2005

Portable powder extinguishers are first response extinguishing devices suitable for incipient fires. Given their reduced size and weight, which may not exceed 20 kg, they are easy to use to prevent far more disastrous consequences.

**Emme Antincendio portable fire extinguishers meet the requirements of standard UNI EN 3-7** adopted by Italian ministerial decree 7.1.2005, which outlines the features, performance requirements, and test methods.

**Suitable for fire classes A-B-C**, the extinguishing action of Emme Antincendio portable powder extinguishers is mainly due to suffocation, cooling, and chemical inhibition; the action is guaranteed by the quality of the materials used and the high efficiency of extinguishing powders.



PED 2014/68/UE



8



34



21010

Minimum pack  
10 Pz.



PED 2014/68/UE



13



89



21021

Minimum pack  
8 Pz.

### Technical specifications

Code	21010	21021
Price		
Model	Emme 1A	Emme 2A
Fire Class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent type	ABC powder	ABC powder
Weight	2,1 Kg	3,7 Kg
Cylinder diameter	85 (mm)	110 (mm)
Height	338 (mm)	380 (mm)
Operating temperature	-20° +60°	-20° +60°

### INCLUDED

#### WIRE STAND



CODE	Description	Price
0326	diam. 85	
0327	diam. 110	



13



113



21031



21



183



21042

## OPTIONALS

### extinguisher stand



CODE

PRICE

1170

### extinguisher support



CODE

PRICE

0315

## Technical Specifications

Code	21031	21042
Price		
Model	Emme 3A	Liguria 4
Fire Class	13A-113BC	21A-183BC
Load	3 Kg	4 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	5,4 Kg	6,5 Kg
Cylinder diameter	130 (mm)	130 (mm)
Overall height	570 (mm)	570 (mm)



21063-30

The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

For the complete range of accessories look up the specific sections.

OPTIONALS

Technical Specifications	
Code	21063-30
Price	
Fire class	34A - 233BC
Load	6 Kg
Extinguishing agent type	ABC Powder
Overall weight	9,4 Kg
Cylinder diameter	160 (mm)
overall height	645 (mm)
Operating temperature	-30° +60°

Polypropylene support		Extinguisher stand	
CODE	PRICE	CODE	PRICE
2174-1		0456	





34



233



The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

Easy maintenance thanks to the external check valve for pressure control.

**21063-40**

## OPTIONALS

### Extinguisher pedal

CODE	PRICE
0459	

### hose-holder

CODE	PRICE
0301	

For the complete range of products look up the specific sections.

## Technical Specificatons

Code	21063-40
Price	
Fire Class	34A - 233BC
Load	6 Kg
Extinguishing Agent Type	ABC Powder
Overall Weight	9,4 Kg
Cylinder diameter	160 (mm)
Overall Height	645 (mm)
Operating Temperature	-30° +60°



**M6 / EMME 6**

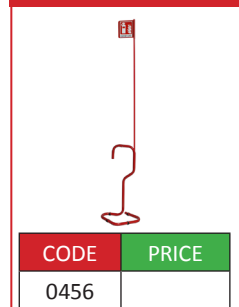
**M6 EXPO**

For the complete range of products look up the specific sections.

Technical specifications					
Code	21063	21063-1	21063-7	21063-74	21063-78
Price					
Model	M6	Emme 6		M6 Expo	
Fire class	34A-233BC			34A - 233BC	
Load	6 Kg			6 Kg	
Extinguishing Agent Type	ABC Powder			ABC Powder	
Overall weight	9,4 Kg			9,5 Kg	
Cylinder diameter	160 (mm)			160 (mm)	
Overall height	645 (mm)			620 (mm)	
Fitted in Stand	YES	YES	YES	NO	
Operating temperature	-20° +60°		-30° +60°	-30° +60°	

OPTIONAL

Extinguisher stand





43



233



The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

Easy maintenance thanks to the external check valve for pressure control.

21064-40

OPTIONALS

Extinguisher sign 120 mm		Polypropylene box	
CODE	PRICE	CODE	PRICE
F0011600A		1668	

For the complete range of products look up the specific sections.

Technical Specifications	
Code	21064-40
Price	
Fire Class	43A - 233BC
Load	6 Kg
Extinguishing agent type	ABC Powder
Overall weight	9,4 Kg
Cylinder diameter	160 (mm)
Overall height	575 (mm)
Operating temperature	-30° / +60°





43



233



21064-2



55



233



21065-3

Available on demand with the three-weld casing Cod. 21064-4 / 21064-5

## Technical Specifications

Code	21064-2	21065-3	21064-3
Price			
Fire Class	43A-233BC	55A-233BC	43A-233BC
Load	6 Kg	6 Kg	6 Kg
Extinguishing agent type	ABC Powder	ABC Powder	ABC Powder
Overall weight	9,4 Kg	9,4 Kg	9,4 Kg
Cylinder diameter	160 (mm)	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)	645 (mm)
Operating temperature	-30° / +60°	-30° / +60°	-30° / +60°

## OPTIONALS

### Extinguisher stand

CODE	PRICE
0459	

### Extinguisher cover

CODE	PRICE
0401	



55



233



21095-4



55





233



21095-5

For the complete range of products look up the specific sections.

## OPTIONALS

Extinguisher stand		Polypropylene box	
			
CODE	PRICE	CODE	PRICE
0456		1669	

## Technical Specifications

Code	21095-4	21095-5	21095
Price			
Model			Emme 9
Fire Class	55A-233BC	55A-233BC	55A-233BC
Load	9 Kg	9 Kg	9 Kg
Extinguishing agent type	ABC Powder	ABC Powder	ABC Powder
Overall weight	13,9 Kg	14,7 Kg	14,9 Kg
Cylinder diameter	170 (mm)	180 (mm)	190 (mm)
Overall height	650 (mm)	660 (mm)	750 (mm)
Operating temperature	-30° / +60°	-30° / +60°	-20° / +60°



55



233



55



233



21125-2

21125-3

#### OPTIONALS

Metal box

Polypropylene box



CODE

PRICE

0927A



CODE

PRICE

1669

For the complete range of products look up the specific sections.

#### Technical Specifications

Code	21125-2	21125-3
Price		
Fire Class	55A-233BC	55A-233BC
Load	12 Kg	12 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	17,6 Kg	17,7 Kg
Cylinder diameter	190 (mm)	180 (mm)
Overall height	635 (mm)	660 (mm)
Operating temperature	-30° / +60°	-30° / +60°





34



233



233



24063-3

25064-3

For the complete range of products look up the specific sections.

## Technical Specifications

Code	24063-3	25064-3
Price		
Fire Class	34A-233BC	233BC
Load	6 Kg	6 Kg
Extinguishing agent type	ABC Powder	Monnex Powder
Overall weight	10,5 Kg	10,5 Kg
Cylinder diameter	150 (mm)	150 (mm)
Overall height	505 (mm)	505 (mm)
Operating temperature	-30° / +60°	-30° / +60°

## OPTIONALS

Extinguisher sign  
120 mm



CODE

PRICE

F0011600A

Polypropylene box



CODE

PRICE

1668



24095

24125

Characteristics:  
Extinguisher not under pressure  
Internal CO2 pressurization tank  
Extinguisher pressurized during use

## OPTIONALS

Extinguisher sign 120 mm		Wall Support	
CODE	PRICE	CODE	PRICE
F0011600A		3036	

## Technical Specifications

Code	24095	24125
Price		
Fire class	55A-233BC	55A-233BC
Load	9 Kg	12 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	15 Kg	18,7 Kg
Cylinder diameter	182 (mm)	182 (mm)
Overall height	505 (mm)	680 (mm)
Operating temperature	-30° / +60°	-30° / +60°



233



25064



25094



25124

## Characteristics:

Extinguisher not under pressure

Internal CO2 pressurization tank

Special powder extinguishers class BC

Extinguisher pressurized during use

## Technical Specifications

Code	25064	25064-1	25094	25094-1	25094-2	25124	25124-1	25124-2
Price								
Fire class	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC
Load	6 Kg	6 Kg	9 Kg	9 Kg	9 Kg	12 Kg	12 Kg	12 Kg
Extinguishing agent type	Potassium bicarbonate	potassium sulphate	potassium bicarbonate	potassium sulphate	Monnex	potassium bicarbonate	potassium sulphate	Monnex
Overall weight	10,5 Kg	10,5 Kg	15 Kg	15 Kg	15 Kg	18,7 Kg	18,7 Kg	18,7 Kg
Cylinder diameter	150	150	182	182	182	182	182	182
Overall height	505 (mm)	505 (mm)	505 (mm)	505 (mm)	505 (mm)	680 (mm)	680 (mm)	680 (mm)





25069



25099



25129

## OPTIONALS

Polypropylene box Polypropylene box



CODE  
1668

PRICE



CODE  
1669

PRICE

## Technical specifications

Code	25069	25099	25129
Price			
Load	6 Kg	9 Kg	12 Kg
Extinguishing agent type	D Powder	D powder	D Powder
Overall weight	9,5 Kg	13,9 Kg	17,6 Kg
Cylinder diameter	160 (mm)	170 (mm)	190 (mm)

For the complete range of products look up the specific sections.

# PORTABLE WATER EXTINGUISHERS

Foam extinguishers are utilised for the extinction of fire classes **A** and **B**.

The particularity of the foaming liquid during the extinction of fire is its chocking, which happens for a “filming effect” due to a stratus of foam-film, which spreads on the surface.

Last generation extinguishers have been thought and realized for being used in every operating temperatures, even from low temperatures like -30°C; -10°C; 0°C and +5°C.

Moreover, all the new models are suitable to the extinction of fire class F- that is a fire generated by cooking oils and animal fats- and are obligatory to install in kitchens as expected in Italy in the following decree: D.M. 3 Agosto 2015 “normative for fire prevention”.



13

22061



21

22092

## OPTIONALS

Polypropylene box

Polypropylene box

CODE  
1668

PRICE

CODE  
1669

PRICE

## Technical specifications

Code	22061	22092
Price		
Fire class	13A	21A
Load	6 L	9 L
Extinguishin agent type	Water	
Overall weight	9,9 Kg	13,9 Kg
Cylinder diameter	160 (mm)	170 (mm)
Overall height	545 (mm)	610 (mm)
Operating temperature	5° C / +60° C	
Casing	Plasticized	



8



55



40



22020



22031



13



113



40

Technical Specifications		
Code	22020	22031
Price		
Model	Dolomiti 2	
Fire class	8 A 55 B 40 F	13A 113B 40F
Load	2 L	3 L
Extinguishing agent type	EW -30	EWAB15
Overall weight	3,5 Kg	5,7 Kg
Cylinder diameter	110 (mm)	130 (mm)
Overall height	380 (mm)	445 (mm)
Operating temperature	-30°C + 60°C	+5°C + 60°C
Casing	Plasticized steel	Stainless steel

## ON REQUEST

L3 CO2 Extinguisher  
Dolomiti Model with  
operating temperature  
-30° / +60°  
CODE 22031







PED 2014/68/UE

**CORROSION RESISTANT VALVE**



43



233



75



\* On request code 22064-1 stainless steel casing AISI 304



22064

## OPTIONALS

### Extinguisher refill

### Hose band



CODE

PRICE

2054-1



CODE

PRICE

0301

## Technical specifications

Code	22064	22064-1
Price		
Model	S6 Super	
Fire class	43A 233B 75F	43A 233B 75F
Load	6 L	6 L
Extinguishing agent type	EWAB1	EWAB1
Overall weight	9,8 Kg	8,6 Kg
Cylinder diameter	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)
Operating temperature	+5°C + 60°C	+5°C + 60°C
Casing	Plasticised	Stainless steel



43



233



75

The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

22064-40

### Technical specifications

Code	22064-40
Price	
Fire class	43A 233B 75F
Load	6 L
Extinguishing agent type	EWAB1
Overall weight	8,7 Kg
Cylinder diameter	160 (mm)
Overall height	575 (mm)
Operating temperature	+5°C + 60°C
Casing	Stainless steel

### OPTIONALS

#### Extinguisher refill



CODICE

PREZZO

2054-1

#### Extention nozzle with hose



CODICE

PRICE

1646



34



233



75

FOAM SPECIAL  
VALVE  
ANTI-CORROSION



43



233



75

22063

22064-11

#### OPTIONALS

Extinguisher refill

Extention nozzle  
with hose



CODE	DESCR.	PRICE
1623	EW-30	
8959	EW-10	

CODE	PRICE
1646	

#### Technical Specifications

Code	22063	22064-11
Price		
Model	Dolomiti 6	Dolomiti 6 Super
Fire class	34A 233B 75F	43A 233B 75F
Load	6 L	6 L
Extinguishing agent type	EW -30	EW -10
Overall weight	9,8 Kg	9,8 Kg
Cylinder diameter	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)
Operating temperature	-30°C + 60°C	-10°C + 60°C
Casing	plasticized	





22094

### Technical Specifications

Code	22094
Price	*
Fire class	43A 233 B 40F
Load	9 L
Extinguishing agent type	EWABF
Overall weight	13,9 Kg
Cylinder diameter	170 (mm)
Overall height	610 (mm)
Operating temperature	+0°C + 60°C
Casing	Plasticized

### OPTIONAS

#### Extinguisher refill

#### Hose band



CODE

PRICE

2055-2

CODE

PRICE

0301



27



233



22066



22093



34



233

## Technical Specifications

Code	22066	22093
Price		
Model	S6	Umbria 9
Fire class	27A 233B	34A 233B
Load	6 L	9 L
Overall weight	9,8 Kg	13,9 Kg
Extinguishing agent type	EW 6	EW 6
Cylinder diameter	160 (mm)	170 (mm)
Overall height	645 (mm)	750 (mm)
Operating temperature	+5°C + 60°C	+5°C + 60°C
Casing	Plasticised	

## OPTIONAL

### Extinguisher refill



CODE	DESCR.	PRICE
2054	6 L	
2055	9 L	



34



233



40



43



233

32063-1

32094-1

## OPTIONAL

### Extinguisher refill



CODE	DESCR.	PRICE
2054-2	6 L	
2055-1	9 L	

## Technical Specifications

Code	32063-1	32094-1
Price		
Fire class	34A 233B 40F	43A 233B
Load	6 L	9 L
Extinguishing agent type	EWAB15	
Overall weight	10,7 Kg	15,5 Kg
Cylinder diameter	160 (mm)	180 (mm)
Overall height	455 (mm)	505 (mm)
Operating temperature	+5° C / +60° C	+5° C / +60° C
Casing	Plasticised	

For the complete range of accessories and signs look up the specific sections.



# CARBON DIOXIDE EXTINGUISHERS

Carbon dioxide is a chemical composed by carbon and oxygen, with the chemical formula CO<sub>2</sub>. The carbon dioxide contained within the tank, can be at the liquid or compressed state in relation with the ambient temperature, as the CO<sub>2</sub> has a critical temperature of about 31°C. **CO<sub>2</sub> extinguishers are suitable for the class B fire extinction**; for its being an inert and dielectric gas, the fire prevention legislation stipulates it should be installed near live electrical equipment. The CO<sub>2</sub> extinguisher is perfect for extinguishing the class B fire; nevertheless, it is also suitable for the class C fire. With respect to the EN 3/7 legislation, the proof about the extinguishment of class C fire has been eliminated, then the class C pictogram will never be written on the extinguisher with this agent extinguishing type.



PED 2014/68/UE



70B



23021

## INCLUDES



1887

It protects the operator against burn frosts and electrostatic bursts.  
Boosts till 60% the performances of the extinguisher.

## OPTIONALS

Wall mount band – Europa model



CODE

PRICE

1907-1

Extinguisher sign 120 mm



CODE

PRICE

F0011600A

## Technical Specifications

Code	23021
Price	
Model	Aosta 2
Fire class	70B
Load	2 Kg
Extinguishing agent type	Carbon dioxide
Overall weight	6,5 Kg
Cylinder diameter	104 mm
Overall height	575 mm
Operating temperature	-30° C / +60° C
Casing	Steel



34

23020

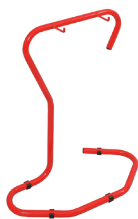


34

23020-1

OPTIONAL

Extinguisher stand



CODE  
1170

PRICE

## Technical Specifications

Code	23020	23020-1
Price		
Model	Toscana 2	Frank 2
Fire class	34B	34B
load	2 Kg	2 Kg
Extinguishing agent type	Carbon Dioxide	
Overall weight	6,7 Kg	5,1 Kg
Cylinder diameter	116 mm	117 mm
Overall height	485 mm	555 mm
Operating temperature	-20° C / +60° C	
Casing	Steel	Aluminium



23052-1



23052

On request the complete extinguisher:

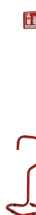
Steel-COD. 23052-3

Aluminum-COD. 23052-4



## OPTIONALS

### Extinguisher stand



CODE	PRICE
0456	

### Wall-mount band Europa model



CODE	PRICE
1907-2	

## Technical Specifications

Code	23052	23052-1
Price		
Model	Toscana 5	Emme 5
Fire class	113B	113B
Load	5 Kg	5 Kg
Extinguishing agent type	Carbon Dioxide	
Overall weight	13,8 Kg	12 Kg
Cylinder diameter	136 mm	152 mm
Overall height	900 mm	805 mm
Operating temperature	-20° C / +60° C	
Casing	Steel	Aluminium





34



23020-6



89

23058

### Technical Specifications

Code	23020-6	23020-7	23020-8	23058	23058-1
Price					
Fire class	34B	34B	34B	89B	89B
Load	2 Kg	2 Kg	2 Kg	5 Kg	5 Kg
Extinguishing agent type	Carbon Dioxide				
Overall weight	6,7 Kg	5,1 Kg	5,1 Kg	14 Kg	12 Kg
Cylinder diameter	116 (mm)	104 (mm)	117 (mm)	136 (mm)	152 (mm)
Overall height	485 (mm)	575 (mm)	555 (mm)	850 (mm)	850 (mm)
Operating temperature	-30° C / +60° C				
Casing	steel	steel	aluminium	steel	aluminium



23020-9



23058-2

## OPTIONALS

Extinguisher sign 120 mm		PVC wall mount	
			
CODE	PRICE	CODE	PRICE
F0011600A		0323	

## Technical Specifications

Code	23020-9	23058-2	
Price			
Fire class	34B	89B	
Load	2 Kg	5 Kg	
Extinguishing agent type	Carbon dioxide		
Overall weight	5,1 Kg	12 Kg	
Cylinder diameter	117 (mm)	152 (mm)	
Overall height	530 (mm)	850 (mm)	
Operating temperature	-30° C / +60° C		

For the complete range of accessories and signs look up the specific

\*Compliant with the PED 2014/68/UE directive.

# MOBILE POWDER EXTINGUISHERS

Units with total weight greater than 20 kg are defined as mobile extinguishers.

Classified in Italy according to standard UNI 9492 CNVF, they are divided into the following types:

Load type: Powder Kg: 30, 50, 100, 150 - CO<sub>2</sub> Kg: 18, 27, 54 - Foam L: 50, 100, 150.

Mobile extinguishers have a much longer operating life than portable fire extinguishers. They are composed by a trolley, which allows the mobility.

All the mobile extinguishers must be used by trained and qualified personnel.



Mobile fire protection devices with two agent, also called "twin agents", are composed by a steel casing with extinguishing powder ABC, and a stainless steel casing with foam AFFF 6%.

This device is composed by an azote pressurizing tank, and its two nozzles can be activated separately, even if attached to allow a better ease of handling.

30509



## Technical Specifications

Code	30509	30119
Price		
Load	50+50	100+100
Extinguishing agent type	ABC Powder + EW6	ABC Powder + EW6
Overall weight	140 Kg	330 Kg
Overall height	1350	1350
Operating temperature	+5° C / + 60° C	+5° C / + 60° C





PED 2014/68/UE



20309



12509-2



12159



### PROTECTIVE COVER

For the complete range of products look up

### RECOMMENDED

RECOMMENDED  
FOR OUTDOOR IN-  
STALLATIONS AND  
MARINE CLIMATE

### ON REQUEST

Mobile powder fire pro-  
tection devices:

- Potassium bicarbonate
- Potassium sulphate
- Monnex

### Technical Specifications

Code	20309	12509-2	12119	12159
Price				
Load	30 Kg	50 Kg	100 Kg	150 Kg
Extinguishing agent type	D Powder			
Overall weight	58 Kg	81 Kg	155 Kg	200 Kg
Overall height	1088	1090	1300	1350
Operating temperature	-30° C/ +60°C	-30° C/ +60°C	-30° C/ +60°C	-30° C/ +60°C



Fire protection devices projected and made in accordance with the EN 3-7:2008 regulation. These are devices which are not under the DM 7.1.2005 regulation.



CODE	DESCRIPTION	PRICE
21010-2	1 Kg Powder	
22020-2	2 L Foam	

**GOLDEN**



CODE	DESCRIPTION	PRICE
21010-3	1 Kg Powder	
22020-3	2 L Foam	

**SILVER**



CODE	DESCRIPTION	PRICE
21010-4	1 Kg Powder	
22020-4	2 L Foam	

**BRONZE**

#### "ASHTRAYS" EXTINGUISHER



Casing L 7,8 Dim. mm 310x555 H

CODE	PRICE
2151	

#### CUT CASINGS



Casing L 7,8 Low-pressure steel casing

CODE	PRICE
2152	



Casing L 7,5 High-pressure steel casing

CODE	PRICE
2153	

Ideal for fire-fighting courses



23020-5



21069-2



22061-7



22064-7

#### Technical Specifications

Code	21069-2	22061-7	22064-7	23020-5
Price				
Load	6 Kg	6 L	6 L	2 Kg
Extinguishing agent type	Powder	Water	EW 6	Carbon dioxide





Containing 200 gr of  
ABC Powder

Gadget Devices				
Code	21009-2	21009-1	21009	21009-3
Price				
Color	Yellow	Chromed	Red	Green

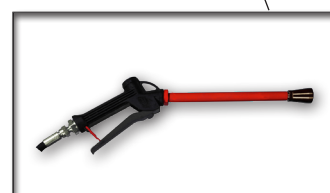
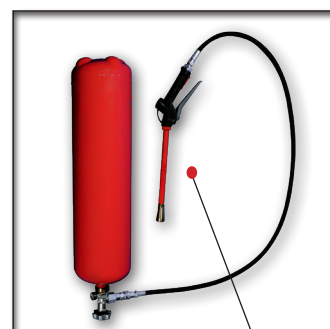


### POWDER DEVICE 9/ 12 kg SHOULDER USE

Practical and readily operable shoulder device for emergency teams. Available in the ABC Powder versions of 9 and 12 kg. Composed by PED certified tank, handweel valve connected with the extension cable with supplying nozzle, equipped with a button for the interception of the supplying jet. This all is mounted on a practical and readily operable shoulder device. It is the ideal solution for reaching hard-to-reach places, and, for quick interventions of teams, which, for instance, are specialized in forest fires.

On request, available with extinguishing powder for specific risks.

CODE	VERSION	PRICE
13095	9 Kg.	
13125	12 Kg.	



### FIXED FIRE-FIGHTING STATION



Cabinet conceived and designed for installation in petrol stations with automated and assisted service open 24 h. The cabinet enables constant safety without risks for the user. The practical door with breakable pane allows the extinguisher to be used at any time and in any situation. The structure is supplied complete with 30 kg multi-purpose ABC powder extinguisher and 10 m hose.

CODE	PRICE
1967	

#### TECHNICAL SPECIFICATIONS

- Electrogalvanised sheet metal 25/10
- Coated with red RAL 3000 epoxypolyester powder.
- 10 m Dispensing hose
- Dispensing nozzle with jet shut-off
- Weight 100 Kg
- Dimensions cm. 500 x 500 x 1000



### SAND CONTAINERS

#### EMME BOX

Robust, capacious, and with an attractive design, this bucket lends itself to multiple uses: from sand, to salt, to materials for absorption and cleaning. Thanks to its wrap-around lid and internal seal, it is perfectly water- and dust-tight.



#### TECHNICAL CHARACTERISICS

- Available with central cylinder with key and in various
- Colors: red, green, yellow and black.;
- Dimensions (mm): 650x500x570;
- Weight (kg): 6.3;
- Capacity (lt): 108;
- Material: polypropylene, nylon;
- Main features: stable during loading, components resistant to high and low temperatures, water and dust tight.

CODE	LOAD	PRICE
1968	108 Lt	
1968-1	70 Lt	

#### COMPLETE WITH LID AND STEEL BRACKET



CODE	PRICE
0126	

## AUTOMATIC DEVICES IN COMPLIANCE WITH PED 2014/68/UE

The automatic powder and foam devices AFFF have a sprinkler valve with a bulb glass, which is sealed and sensitive to heat, and which automatically operates to reach the temperature of 68°C (bulb with operation at 79-93-141°C on demand).

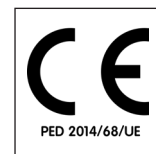
It is recommended installing the automatic devices at the maximum height of three meters above the ground.

Code	Nominal load	Extinguishing agent	Price
13019-1	1 Kg	Powder	
13029-1	2 Kg	Powder	
13039	3 Kg	Powder	
13069-3	6 Kg	Powder	
13129-3	12 Kg	Powder	
13069-1	6 L	Waterfoam	
13099-1	9 L	Waterfoam	
13069-2	6 Kg	Gas HFC 227 ea	
13109-2	10 Kg	Gas HFC227 ea	

### Pressure switch 1/8 " for automatic extinguisher calibrated on 1 Bar with protection cap.

Assembled to the automatic extinguisher, it allows the start of the optical-acoustic alarm, if connected to a fire-detection system with the automatic closing of the gas valve.

CODE	PRICE
1161	



### CONNECTION BETWEEN TEMPERATURES AND COLORS OF THE SPRINKLER BULBS

57°C = 135°F	ORANGE
68°C = 155°F	RED
79°C = 175°F	YELLOW
93°C = 200°F	GREEN
141°C = 286°F	BLUE

Technical specifications	13019-1	13029-1	13039	13069-3	13129-3	13069-1	13099-1	13069-2	13109-2
Weight (Kg) ±5%	2,1	3,7	7,5	10	18	10	18	10	18
Tank Vol. (L)	5,0	5,0	5,0	7,2	13,5	7,2	13,5	7,2	13,5
Overall height	290	290	290	330	330	330	330	330	330
Cylinder diameter (mm.)	240	240	240	240	360	240	360	240	360
Load (Kg / L)	1	2	3	6	12	6	9	6	10
Protected area m²/m³	1	2	3	6	12	4	7	10	18
Extinguishing agent	Powder					Foam EW6		Gas HFC 227	



**Fire protection devices of the INDUSTRIAL series are realized with pressurized tanks and recharged with the ABC Powder and EW6 Foam.**

It is a small automatic installation with manual remote control and with a sprinkler valve, which has the automatic opening when reaching 93°C.

The INDUSTRIAL series devices are assembled with a really versatile valve. In fact, not only are they completely automatic, but they also operate without any energetic source, and have a manual remote control with a steel cable, fitted with a handle at the end, inside the protective box.

Moreover, it is also possible to connect an electric cartridge with universal voltage, which can be activated with a remote button. Two outlet with a diameter of 3/8" - to which are connected flexible pipelines with quick connectors, with a maximum of four nozzles- deliver the extinguishing spout with precision towards the right point of fire risk. Extremely fast-and-easy-assembling, without the necessity of threading the tubes.

Suitable in the Powder version for industrial use to protect paint mixers, filtration/vacuum cleaning installations, and so on... and in the Foam version for the automotive industry to protect engine compartments and kitchens.



POWDER ABC SERIES					
Code	Kg	Protected area (m <sup>2</sup> )	Diam.	Tube m.	Price
11039	3	5	130	4	
11069	6	10	160	6	
11129	12	20	190	8	

The series INDUSTRIAL powder/foam devices are completed of:

- Powder series: tank volume L 3,5- 7,8- 14 CE PED 2014/68/UE;
- Painting with epoxy polyester red powder ral 3000;
- Foam series: tanks L 4,5- 7,8- 11 CE PED 2014/68/UE plasticized internally, painting with epoxy polyester red powder ral 3000;

All devices are provided with:

- Sprinkler activation valve 93°C;
- Steel tube diam. 10x1;
- Delivering powder/foam hoses;
- Box with remote operating handle;
- Steel cable with flexible sheath 5 mm;
- Connecting hoses with rapid connection, tube 10x1;
- Steel stand AISI 304.



sold with installation

FOAM AFFF SERIES					
Code	L	Protected area (m <sup>2</sup> )	Diam.	Tube m.	Price
11039-1	3	5	130	4	
11069-1	6	10	160	6	
11099-1	9	20	180	8	

The systems of the MARE series (SEA SERIES), RINA ISO 9094-1 and ISO 9094-2 approved, are built with a pressurized gas tank loaded with HFC 227, a clean, environmentally-friendly gas (does not harm the ozone layer, leaves no mess or residue, is not dangerous to humans).

It is a small automatic installation with manual remote control and with a sprinkler valve, which has the automatic opening when reaching 93°C.

The MARE series devices are assembled with a really versatile valve. In fact, not only is it completely automatic, but it also operates without any energetic source, and has a manual remote control with a steel cable, fitted with a handle at the end, inside the protective box. Moreover, it is also possible to connect an electric cartridge with universal voltage, which can be activated with a remote button. Two outlet with a diameter of 3/8" - to which are connected flexible pipelines with quick connectors, with a maximum of four nozzles- deliver the extinguishing spout with precision towards the right point of fire risk. Extremely fast-and-easy-assembling, without the necessity of threading the tubes. Suitable for installation to protect engine compartments on pleasure-boats with a maximum length of 24 meters.



## MARE SERIES



All these devices are delivered, fitted with:

- Sprinkler valve, with activation at 93°C;
- Manual remote control, completed with cable and manual valve operator;
- Pipeline and discharge nozzle;
- Steel stand.



### Technical specifications

Code	Kg	Protected area (m³)	Vol.	Tube m.	Price
11039-2	3	5	3,5	5	
11069-2	6	10	7	5	
11129-2	12	20	13,5	8	

## MARE SERIES EASY



All devices are delivered fitted with:

- Sprinkler valve with activation at 93°C, with sprinkler supply;
- Manual remote control, completed with cable and manual valve operator;
- Steel stand.



### Technical specifications

Code	Kg	Protected area (m³)	Vol.	Price
11039-3	3	5	3,5	
11069-3	6	10	7	
11129-3	12	20	13,5	

### Optional



Pyrotechnic cartridge for electric activation

CODE	PRICE
2166-1	

Manual actuator



CODE	PRICE

For refills and maintenance, please contact our office.

## REGULATION FOR THE PERIODIC MAINTENANCE OF FIXED SYSTEMS AND MOBILE FIRE-FIGHTING DEVICES

Text from: Ministry for Infrastructure and Transportation-  
Navigation security Series 100/2014 of February 10th 2014

Regulation for the periodic maintenance of fire appliances

The water, foam, powder and CO2 extinguishers, with a constantly under-pressure casing must be revised at regular intervals, not exceeding 12 months.

The revision consist of:

- A test of the extinguisher, intended to ensure its functionality
- A verification about the quality of the charge contained inside the extinguisher;
- A verification which certify that the periodic pressure date of the tank is not expired

The extinguisher mustn't have the following defects:

- Damage of hoses or cones
- Tank corrosion
- Lack of distinctive badges

Carbon dioxide extinguishers which find out empty or with less than 90% of charge, and the water, foam or powder ones with a nominal pressure under 95% must be subjected to hydrostatic test. In case of testing of CO2 tanks, the badge must include sign and seal of the user.







CODE	PRICE
1965	

RINA HOMOLOGATION  
N. FPE 25603 CS

**Instructions:** shoulder unit with a 20-litre tank, equipped with two foam drums AFFF 3% and low-expansion nozzle, integrated with the Rina homologated mixer, conformed to SOLAS 1974 regulation. The shoulder appliance allows a major flexibility and comfort of moving in case of fire on board. The unit is connected with the water supply system thanks to the fire-fighting hose (optional), which is directly connected to the supplying nozzle and to the device, through a fitted in flexible tube.

#### Components

Main foaming tank, load 20L
Stock foaming tank (on demand)
Foaming interception valve
Flexible tube foaming suction
Mechanic foaming nozzle with premixer and spherical valve for water interception UNI45
HOSE 45 (ON DEMAND)

**HOSE UNI 45**  
**MARINE EQUIPMENT DIRECTIVE**

EN 14540:2004-45-17

Lunghezza 20 m

CODE	PRICE
1232	

**MED CERTIFIED PRODUCT FOR NAVAL INDUSTRY**



CODE	PRICE
1966	
PRICE	

RINA HOMOLOGATION  
N. FPE 295310 CS

**Instructions:** in-line unit, equipped with two foam drums AFFF 3%, low-expansion foam nozzle and line mixer. The mixers is connected to the water supply system thanks to the fire-fighting hose (optional), whereas the supply nozzle is connected thanks to the fire-fighting hose (supplied). Once everything is connected to the mixer, link up the intake tube and place it into the foam drum and open the hydrant valve.

#### Components

1	Line Mixer
1	Low-expansion foam nozzle
1	HOSE Ø 45 mm. L=20 m.
1	INTAKE TUBE Ø 25 mm. L=1.5 m.

#### COMPLETE NAVAL COMPLEX UNI 25

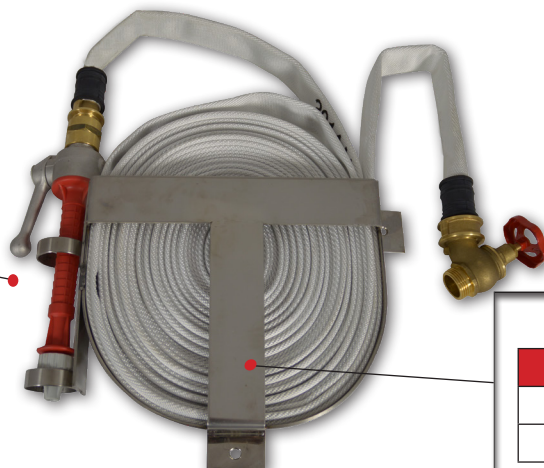
with: Hose UNI 804  
Tap UNI 25  
INOX hose stand

CODE	PRICE
1918	



NOZZLE  
UNI 25  
with 3  
types of jet

CODE	PRICE
1913	



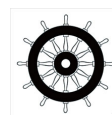
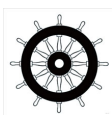
#### TAP UNI 25 M



CODE	PRICE
0637	

#### HOSE STAND

CODE	VERSION	PRICE
1919	UNI 25	
1919-1	UNI 45	



8



34



26010



26021



13



89



### Technical specifications

Code	26010	26021
Price		
Fire class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent	ABC Powder	
Overall weight	2,1 Kg	3,6 Kg
Overall height	338 (mm)	380 (mm)
Operating temperature	-20° C / +60°C	-20° C / +60°C



8



34



26010-1



13



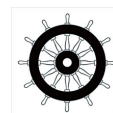
89



26021-1

Technical specifications		
Code	26010-1	26021-1
Price		
Fire class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent	ABC Powder	
Overall weight	1,7 Kg	3,5 Kg
Overall height	297 (mm)	355 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C





**26031**



**26042**



**13**



**113**



**21**



**183**



### Technical specifications

Code	26031	26042
Price		
Fire class	13A-113BC	21A-183BC
Load	3 Kg	4 Kg
Extinguishing agent	ABC powder	
Overall weight	5,4 Kg	6,5 Kg
Overall height	570 (mm)	570 (mm)
Diameter	130 (mm)	130 (mm)
Operating temperature	-20° C / +60°C	-20° C / +60°C

### OPTIONAL

**PAINTED  
STEEL  
STAND**

Ø 130 mm



**Code** 0315

**Price**



34



233



34



233

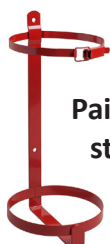


26063-7

26063-1

## OPTIONAL

### STANDS



Painted  
steel



Inox steel  
Aisi 304

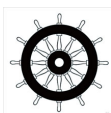
Ø 160 mm

	Code	Price
Red	0316	
Inox	1464	

## Technical specifications

Code	26063-7	26063-1
Price		
Model	M6 Expo Med	
Fire class	34A-233BC	34A-233BC
Load	6 Kg	6 Kg
Extinguishing agent	ABC Powder	
Overall weight	9,5 Kg	9,4 Kg
Overall height	620 (mm)	645 (mm)
Diameter	160 (mm)	160 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C

# MARINE FIRE EXTINGUISHER ABC POWDER MED 2014/90/UE



43



233



55



233



26064

26065

For the complete range of pedals look up the specific section

## Technical specifications

Code	26064	26065
Price		
Fire class	43A-233BC	55A-233BC
Load	6 Kg	6 Kg
Extinguishing agent	ABC Powder	
Overall weight	9,5 Kg	9,4 Kg
Overall height	645 (mm)	645 (mm)
Diameter	160 (mm)	160 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C

## OPTIONAL

Polypropylene box

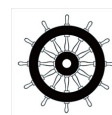


CODE

PRICE

1668





Characteristics:  
Non-pressurized extinguisher  
Internal pressurization tank with CO<sub>2</sub>  
Special BC class powder extinguishers  
Extinguisher pressurized during use

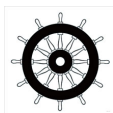
29063

## OPTIONAL

Refilling CO <sub>2</sub> cartridge		Replacement spare change	
			
CODE	PRICE	CODE	PRICE
3030		18462-1	

## Technical specifications

Code	29063
Price	
Fire class	34A-233BC
Load	6 Kg
Extinguishing agent	ABC Powder
Overall weight	10,5 Kg
Overall height	505 (mm)
Diameter	150 (mm)
Operating temperature	-30° C / +60° C



55



233



26095-4



55



233



26095-5



55



233



26125-3

### Technical specifications

Code	26095-4	26125-3	26095-5
Price			
Fire class	55A-233BC	55A-233BC	55A-233BC
Load	9 Kg	12 Kg	9 Kg
Extinguishing agent	ABC Powder		
Overall weight	13,9 Kg	17,7 Kg	14,7 Kg
Diameter	170 (mm)	180 (mm)	180 (mm)
Overall height	750 (mm)	660 (mm)	800 (mm)
Operating temperature	-30° C / +60° C	-30° C / +60° C	-30° C / +60° C

### OPTIONAL STANDS



	Code	Price
Red ø 170	0318-1	
Red ø 180	0318	
Inox ø 180	0325	



Characteristics:  
Non-pressurized extinguisher  
Internal pressurization tank with CO<sub>2</sub>  
Special BC class powder extinguishers  
Extinguisher pressurized during use

**29125**

**OPTIONAL**

**Refilling Co<sub>2</sub>  
cartridge**



**CODE**

**PRICE**

3032

**Replacement spare  
change**



**CODE**

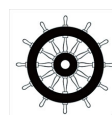
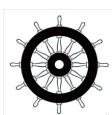
**PRICE**

18462-3

**Technical specifications**

Code	29125
Price	
Fire class	55A-233BC
Load	12 Kg
Extinguishing agent	ABC powder
Overall weight	18,7 Kg
Overall height	680 (mm)
Diameter	182 (mm)





**OPERATING  
TEMPERATURE**  
-30° +60°



8



55



40



**27020**



**27031-3**



13



113



40

### Technical specifications

Code	27020	27031-3
Price		
Fire class	8A-55B-40F	13A-113B-40F
Load	2 L	3 L
Extinguishing agent	EW -30	EW AB15
Overall weight	3,5	3,7
Diameter	110 (mm)	130 (mm)
Overall height	380 (mm)	445 (mm)
Casing	Plasticised steel	Stainless steel
Temperature	-30° C / +60°C	+5° C / +60°C



27066

27063

27064

### Technical specifications

Code	27066	27063	27064
Price			
Fire class	27A-233B	34A-233B-75F	43A-233B-75F
Load	6 L	6L	6 L
Extinguishing agent	EW6	EW - 30	EW AB1
Overall weight	9,8 Kg	9,8 Kg	9,8 Kg
Diameter	160 (mm)	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)	545 (mm)
Casing	Plasticised steel	Plasticised steel	Plasticised steel
Temperature	+5° C / +60°C	-30° C / +60°C	+5° C / +60°C

**RINA EXTINGUISHERS CERTIFICATION ACCORDING TO THE 2014/90/UE DIRECTIVE**

Deepening of the MED 2014/90/UE directive

The aim of this directive is to improve the marine safety and to prevent the marine pollution by uniformly applying the adequate international tools concerning the marine equipment which is to be installed on board of the UE ships, and to guarantee the free circulation of this equipment within the European Union.

**RINA EXTINGUISHER CERTIFICATION ACORDING TO THE 2014/90/UE**

IF THEY ARE NEW AND CERTIFIED in accordance with the 2014/90/UE, the Co2, powder and water portable extinguishers, which have the constantly under-pressure casing, and which are homologated to be installed on the boats, can be sold as supplied by the producers. It is not necessary to weigh the RINA. Concerning the RINA, the customer service assistance must be done within two years after the date of production. In order to be as clear as possible, we will report the RINA circular of September the 26th 2012: "according to the periodic revision activities done in Your headquarters for the Co2 and water portable extinguishers which have the constantly under-pressure casing, we would like to inform You that - after the new instructions from the General Direction of Genova – from today's date, in case of new certified extinguishers, in accordance with the 96798/CE directive, the referring date for the calculation of the two years is the one reported on the declaration of conformity of the MED directive, edited by the producer. The first obligatory revision must be done in the presence of a technician by two years from the latter. What written above is always valid except for when there are other contractual arrangements - which, anyway, need the presence of a RINA technician at the moment of the installation of the extinguisher on board."



**27094**



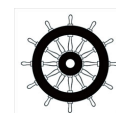
**43**



**233**



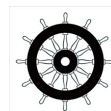
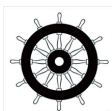
**40**



**Technical specifications**

Code	27093	27094
Price	*	
Fire class	34A - 233B	43A - 233B - 40F
Load	9 L	9 L
Extinguishing agent	EW6	EW ABF
Overall weight	13,9 Kg	13,9 Kg
Diameter	170 (mm)	170 (mm)
Overall height	735 (mm)	735 (mm)
Casing	Plasticised steel	Plasticised steel
Temperature	+5° C / +60°C	+5° C / +60°C





34



233



40



33063-1



33094-1



43



233

### Technical specifications

Code	33063-1	33094-1
Price		
Fire class	34A - 233B - 40F	43A-233B
Load	6 L	9 L
Extinguishing agent	EWAB 15	
Overall weight	10,7 Kg	15,5 Kg
Diameter	162 (mm)	182 (mm)
Overall height	455 (mm)	504 (mm)
Casing	Plasticised	
Temperature	+5° C / +60°C	+5° C / +60°C

### OPTIONAL

**PAINTED  
STEEL  
STAND**

Code	3036
Price	





21

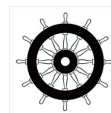
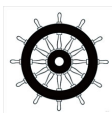
27092

### Technical specifications

Code	27092
Price	
Fire class	21A
Load	9 L
Extinguishing agent	Water
Overall weight	13,9 Kg
Diameter	170 (mm)
Overall height	610 (mm)
Casing	Plasticised steel
Temperature	+5° C / +60°C

### OPTIONAL

Extinguisher sign 120 mm		Polypropylene box	
CODE	PRICE	CODE	PRICE
F0011600A		1669	



34



34

28020-1

28020

## Technical specifications

Code	28020-1	28020
Price		
Fire class	34B	34B
Load	2 Kg	2 Kg
Extinguishing agent	Carbon dioxide	
Overall weight	5,1 Kg	6,7 Kg
Diameter	117 (mm)	116 (mm)
Overall height	555 mm	485 mm
Casing	Aluminium	Steel

## OPTIONAL

PAINTED  
STEEL  
STAND

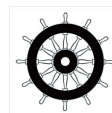
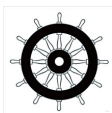
Ø 116 mm

Code 1238

Price







113

28052



113

28052-1

### Technical specifications

Code	28052	28052-1
Price		
Fire class	113B	113B
Load	5 Kg	5 Kg
Extinguishing agent	Carbon dioxide	
Overall weight	13,8 Kg	12 Kg
Overall height	900 mm	805 mm
Diameter	136 (mm)	152 (mm)
Casing	Steel	Aluminium

### OPTIONAL

#### STANDS



Painted  
steel



Inox steel  
Aisi 304

Ø 160 mm

	Code	Price
Red	1429	
Inox	1465	



35010



35050



35100



35202

CODE	LOAD (kg)	DESCRIPTION	CASING DIAMETER	FIRE CLASS	PRICE	CERTIFICATION
35010	2 1/2 Lb (1,31 Kg)	2,5 Lb powder ext.	3 3/8 in (86mm)	1A-10BC		UL & Marine Approved
35050	5 Lb (2,27 Kg)	5 Lb powder ext.	4 7/16 in (113mm)	3A-40BC		UL & Marine Approved
35100	10 Lb (4,54 Kg)	10 Lb powder ext.	5 1/4 in (135mm)	4A-80BC		UL & Marine Approved
35202	20 Lb (9,07 Kg)	20 Lb powder ext.	7 7/32 in (183mm)	20A-120BC		UL & Marine Approved



36050



36100

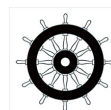


36151



36201

CODE	LOAD (kg)	DESCRIPTION	CASING DIAMETER	FIRE CLASS	PRICE	CERTIFICATION
36050	5 Lb (2,27 Kg)	5LB CO2 Fire Extinguisher	5 15/64 (133mm)	5BC		UL Approved
36100	10 Lb (4,54 Kg)	10LB CO2 Fire Extinguisher	6 7/8 (175mm)	10BC		UL Approved
36151	15 Lb (6,80 Kg)	15LB CO2 Fire Extinguisher	6 7/8 (175mm)	10BC		UL Approved
36201	20 Lb (9,07 Kg)	20LB CO2 Fire Extinguisher	7 63/64 (203)	10BC		UL Approved



25 kg ABC POWDER			
CODE	€	PROPELLANT	FIRE CLASS
18258		Permanent pressure	A IV BC
18258-51		Auxiliary Nitrogen	A IV BC
18258-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16258		Permanent pressure	A IV BC
16258-51		Auxiliary Nitrogen	A IV BC
16258-52		Auxiliary Co2	A IV BC

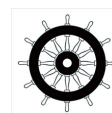
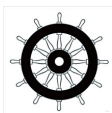
Technical specifications	
Load	25 kg
Exting. agent	ABC powder
Overall height	960 (mm)

50 kg ABC POWDER			
CODE	€	PROPELLANT	FIRE CLASS
18508		Permanent pressure	A III BC
18508-1		Permanent pressure	A IV BC
18508-51		Auxiliary Nitrogen	A IV BC
18508-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16508		Permanent pressure	A III BC
16508-1		Permanent pressure	A IV BC
16508-51		Auxiliary Nitrogen	A IV BC
16508-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	50 kg
Exting. agent	ABC powder
Overall height	1100 (mm)

For the complete technical specifications look up the technical schedules available





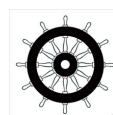
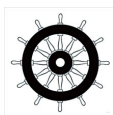
100 kg ABC Powder			
CODE	€	PROPELLANT	FIRE CLASS
18118		Permanent pressure	A IV BC
18118-51		Auxiliary Nitrogen	A IV BC
18118-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16118		Permanent pressure	A IV BC
16118-51		Auxiliary Nitrogen	A IV BC
16118-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	100 kg
Exting. agent	ABC Powder
Overall height	1350 (mm)

150 kg ABC Powder			
CODE	€	PROPELLANT	FIRE CLASS
-	-	-	-
18158-51	On demand	Auxiliary Nitrogen	A IV BC
18158-52	On demand	Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
-	-	-	-
16158-51		Auxiliary Nitrogen	A IV BC
16158-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	150 kg
Exting. agent	ABC Powder
Overall weight	1350 (mm)

For the complete technical specifications look up the technical schedules available



25 L FOAM				50 L FOAM			
CODE	€	PROPELLANT	FIRE CLASS	CODE	€	PROPELLANT	FIRE CLASS
19258		Permanent pressure	A IV B	19508		Permanent pressure	A IV B
19258-51		Auxiliary Nitrogen	A IV B	19508-51		Auxiliary Nitrogen	A IV B
-	-	-	-	19508-52		Auxiliary Co2	A IV B
MED	€	PROPELLANT	FIRE CLASS	MED	€	PROPELLANT	FIRE CLASS
15258		Permanent pressure	A IV B	15508		Permanent pressure	A IV B
15258-51		Auxiliary Nitrogen	A IV B	15508-51		Auxiliary Nitrogen	A IV B
-	-	-	-	15508-52		Auxiliary Co2	A IV B
Technical specifications				Technical specifications			
Load	25 Lt			Load	50 Lt		
Exting. agent	EW6			Exting. agent	EW6		
Overall height	960 (mm)			Overall height	1100 (mm)		

For the complete technical specifications look up the technical schedules available



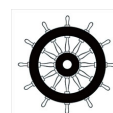
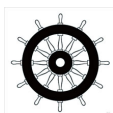
100 L FOAM				150 L FOAM			
CODE	€	PROPELLANT	FIRE CLASS	CODE	€	PROPELLANT	FIRE CLASS
19118		Permanent pressure	A IV B	-	-	-	-
19118-51		Auxiliary Nitrogen	A IV B	19158-1		Auxiliary Nitrogen	A IV B
19118-51		Auxiliary Co2	A IV B	-	-	-	-
MED	€	PROPELLANT	FIRE CLASS	MED	€	PROPELLANT	FIRE CLASS
15118		Permanent pressure	A IV B	-	-	-	-
15118-51		Auxiliary Nitrogen	A IV B	15158-1		Auxiliary Nitrogen	A IV B
15118-52		Auxiliary Co2	A IV B	-	-	-	-

Technical specifications	
Load	100 Lt
Exting. agent	EW6
Overall height	1350 (mm)

Technical specifications	
Load	150 Lt
Exting. agent	EW6
Overall height	1350 (mm)

For the complete technical specifications look up the technical schedules available





Carbon dioxide			
Code	€	Nominal charge	Fire class
17103-1		10 kg	144 B
17103		10 kg	144 B
17204		20 kg	233 B
17304		30 kg	233 B
17504		50 kg	233 B
MED	€		
14103-1		10 kg	144 B
14204		20 kg	233 B
14304		30 kg	233 B
14504		50 kg	233 B

For the complete technical specifications look up the technical schedules available on our web site

## DRY POWDERS ACCORDING TO EN 615

Dry powders are mixtures of chemicals, such as sodium or potassium bicarbonate, ammonium sulphate and mono-ammonium phosphate. Additives are added in order to increase fluidity and water-resistance, and to make the foams compatible.

Powders can be divided into two major categories:

- Multifunctional powders – suitable for extinguishing class A-B-C fires
- Bivalent powders – suitable for extinguishing class B-C fires; they contain sodium or potassium bicarbonate

Dry powders produce the following effects in extinguishing a fire:

1.suffocation, 2.cooling, 3.shielding and fireproofing of the unburnt areas

Fire-fighting powders are normally dielectric, so they are usable on live electrical equipments (up to 1000 volt). Standard EN3-7:2004 requires the dielectric test to be carried out only on water fire extinguishers and not on other categories. It is not advisable to use these products on electronic and digital systems and on data centers because of the fine particle size of powder, which could damage the system's components.

The action that is carried out by chemical powders in extinguishing a fire is essentially the inhibition of the unburnt material with a negative catalysis, the suffocation of the flame.

ABC powder according to EN 615

Code	KG	Typology	€/kg
18462	25	EPW 18462	
0351	25	EPB 0351	
0353	25	EPP 0353	
18461	1000	EPW 18462	
0352	1000	EPB 0351	
0354	1000	EPP 0353	



Spare charges for extinguishers  
MED 96/98/CE, ABC powder

Code	KG	Typology	€
18462-1	6	EPW 18462	
0351-1	6	EPB 0351	
0353-1	6	EPP 0353	
0351-2	9	EPB 0351	
18462-2	9	EPW 18462	
0351-3	12	EPB 0351	
18462-3	12	EPW 18462	



BC powder according to EN 615

Code	KG	Typology	€/kg
2050	25	EPBC 2050 - potassium bicarbonate	
2051	25	EPBC 2051 - potassium sulphate	
2052	25	EPBC 2052 - sodium bicarbonate	
2053	25	Monnex	



D powder according to EN 615

Code	Casing	Price
0356	Whopping Kg 25	

## FOAM SPARE CHARGES

### SPARE CHARGES FOR PORTABLE AND WHEELED EXTINGUISHERS

**WATERFOAM spare charges are ready to use charges for foam extinguishers**

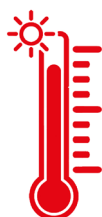
<b>EXTINGUISHING ACTION</b>	The three factors that determine the foam's extinguishing ability are the following:
<b>SUFFOCATION</b>	the foam prevents air from reaching flammable vapours by lying on solid surfaces, causing the fire to be suffocated
<b>COOLING AND DILUTION</b>	effect of the vaporisation of the water contained in the bubbles
<b>SEPARATION</b>	the foam removes and blocks combustible vapours created by the liquid in combustion areas

#### MODES OF OPERATION

These foams are suitable for extinguishing and controlling class A fires, even if they are better used for class B fires

N.B.: many foam spare charges are ready for use, the mixture is ready for being putted into the extinguisher. When the description says "to dilute" the extinguishing foam must be diluted with demineralised water, following the indications on the label.

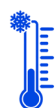
Concentrated foam EMME WATERFOAM – EW6			
CODE	Load	Description	Price
2054-4	0,360 L	extinguisher concentrate L6, dilute with 5,65 lt of water	
2055-3	0,540 L	extinguisher concentrate L9, dilute with 8,45 lt of water	
1470	1 L	concentrate, must dilute	
2144-1	3 L	extinguisher concentrate L50, dilute with 47 lt of water	
2054	6 L	premixture for extinguisher L6	
2144	6 L	extinguisher concentrate L100, dilute with 94 lt of water	
2055	9 L	premixture for extinguisher L9	
2145	9 L	extinguisher concentrate L150, dilute with 141 lt of water	
9598	25 L	concentrate for extinguishers	
Premixed foaming Emme Waterfoam 1 - EWAB1			
2054-1	6 L	Ready to use premixture for extinguisher L6	
Premixed foaming Film Foam ABF - EWABF			
1834-3	6 L	Ready to use premixture for extinguisher L6	
2055-2	9 L	Ready to use premixture for extinguisher L9	
Premixed foaming Emme Waterfoam AB15 - EWAB15			
2054-3	3 L	Ready to use premixture for extinguisher L 3	
2054-2	6 L	Ready to use premixture for extinguisher L 6	
2055-1	9 L	Ready to use premixture for extinguisher L 9	



+5/+60°



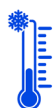
Premixed foaming Dolomiti Foam - EW -30			
1658	1 L	Ready to use premixture for extinguishers F class with temperature -30/+60 °C	
1659	3 L		
1623	6 L		
1624	25 L		



-30/+60°C




Premixed foaming Dolomiti Foam - EW -10			
8959	6 L	Ready to use premixture for extinguishers F class with temperature -10/+60 °C	
9314	25 L		



-10/+60°C




**BUTTON VALVE M30x1.5 - KG 1-2 / 2 L**



CODE	COLOR	PRICE
0211	Red	
0211-1	stainless steel	


Manometer Connector	M. 10 x 1	Inlet	M. 30x1,5
Dip Tube Connector	M. 16 x 1,5	Outlet	1/8" NPT

**SAFETY VALVE**




**COD. 0261** 10 Pcs. Pack.

**PISTONCINO**




**COD. 0241** 10 Pcs. Pack.

**DIP TUBE HOLDER**




**COD. 0253** 10 Pcs. Pack.

**POWDER NOZZLE**




**COD. 0287** 50 Pcs. Pack.

**FOAM NOZZLE**



**COD. 1938**

**RETAINING SPRING FOR PISTON**




**COD. 0251-1** 10 Pcs. Pack.

ACCESSORIES						
CODE	0261	0241	0253	0287	1938	0251
PRICE						


**BUTTON VALVE M30x1.5**

**SAFETY VALVE**




**COD. 0261** 10 Pcs. Pack.

**PISTON**




**COD. 0242** 10 Pcs. Pack.

**DIP TUBE HOLDER**




**COD. 0253** 10 Pcs. Pack.

**CONTROL VALVE**



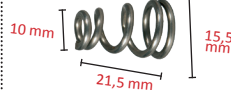
**COD. 1163** 100 Pcs. Pack.

**HOLDING PINS**



**COD. 1389**

**RETAINING SPRING FOR PISTON**




**COD. 0251** 10 Pcs. Pack.





ACCESSORIES						
CODE	0261	0242	0253	1163	1389	0251
PRICE						


Manometer connection	<b>CODE</b>	<b>Color</b>	<b>PRICE</b>
M. 10 x 1	0212	Red	
Dip tube connection	0212KB	Blue	

Entrata	M. 30x1,5
Uscita	G1/4"



**BUTTON VALVE M30x1.5**

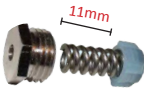







VALVES							
CODE	0212C	0212CB	0212CN	0212CG	0212CBIA	0212CGIA	0212CV
COLOR	RED	BLUE	BLACK	GREY	WHITE	YELLOW	GREEN
PRICE							


ACCESSORIES				
CODE	0261C	0242C	0253C	1163
PRICE				

**SAFETY VALVE**




**COD. 0261C** 10 Pcs. Pack.

**PISTON**




**COD. 0242C** 10 Pcs. Pack.

**DIP TUBE HOLDER**




**COD. 0253C** 10 Pcs. Pack.

**CONTROL VALVE**



**COD. 1163** 100 Pcs. Pack.

**RETAINING SPRING FOR PISTON**



**COD. 0251C** 10 Pcs. Pack.

**BUTTON VALVE M30x1.5 - LEVE INOX**

The valves with stainless steel levers SUS304 give a smarter and more sophisticated aspect to the extinguishers, in order to make them different from the other ones. It is possible to ask for their installation during the production of your purchase order.

Manometer Connection
M. 10 x 1
Dip tube connection



CPF Valve

CODE	PRICE
8622	
8622C	

Inlet	M. 30x1,5
Outlet	G 1/4"

**BUTTON VALVE M30x1.5 WITH ANTI-CORROSION TREATMENT**



CODE
0212CS
PRICE

The anti-corrosion valves are realized with a specific treatment, which is resistant against the aggressive agents of the extinguisher foaming mixtures. The valves are contraddistinguished by the notice sign "foam", in the valve body.

Inlet	M. 30x1,5
Outlet	G 1/4"



**BUTTON VALVE M30x1.5 - STAINLESS STEEL**

Button valve with aluminum body and steel levers RAL 3000, for powder fire extinguishers.



Inlet	M. 30x1,5
Outlet	G 1/4"

The single parts of the valve are not available as spare parts.

CODE
0212-9
PRICE

**BUTTON VALVE M45x1.5**



Manometer connection
M. 10 x 1
Dip tube connection

CODE	PRICE
0212-2	
Inlet	M 45 x 1,5
Outlet	M 14 x 1.5



**VALVOLA A PULSANTE M58x2**



Manometer connection	M. 10 x 1
Dip tube connection	M. 16 x 1,5
Inlet	M. 30x1,5

VALVES				
CODE	0212-4	0212-5	0212-6	0212-7
COLOR	BLACK BODY AND	BLACK LEVERS	RED LEVERS	STAINLESS STE-
PRICE				

ACCESSORIES				
CODE	0241-40	0253-40	1163	0251-40
PRICE				

PISTON



10 Pcs. Pack

COD. 0241-40

CLIPPING RING



10 Pcs. Pack

COD. 0253-40

MANOMETER PISTON



100 Pcs. Pack

COD. 1163

RETAINING SPRING FOR PISTON



10 Pcs. Pack

COD. 0251-40

**BUTTON VALVE M30x1.5 - NON-MAGNETIC INOX LEVERS**



Inlet	M. 30x1,5
Outlet	G 1/4"

CODE	0212-10
PRICE	

**PERCUSSION VALVE M74x2**



Inlet	M 74 x 2
Outlet	M 16 x 1,5

CODE	3008
PRICE	

Dip tube connector	M 16 x 1,5
--------------------	------------

**LEVER VALVE**



CODE	0214R
PRICE	

Inlet	2" - F
Outlet	3/4" GAS

Manometer connector	M 10 x 1
Dip tube connector	3/4" GAS

VALVE 0214C VALVE CPF ON REQUEST

PISTOSTON



10 Pcs. Pack

COD. 0244

SPARE LEVER FOR MOBILE EXTINGUISHERS



COD. 0338

CONTROL VALVE



100 Pcs. Pack

COD. 1163

COMPLETE SAFETY VALVE FOR MOBILE POWDER/FOAM EXTINGUISHERS



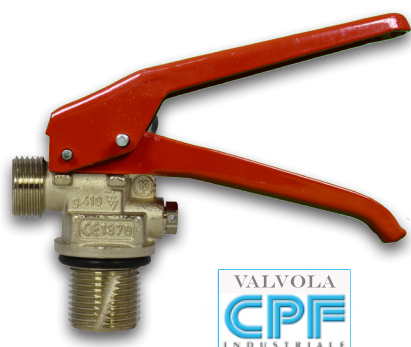
10 Pcs. Pack

COD. 0263R

ACCESSORIES			
CODE	1163	0244	0338
PRICE			



**BUTTON VALVE M25x2**



Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	M. 25x2
Outlet	W 21,7



VALVES				
CODE	0213C	0213CG	0213CN	0213CV
COLOR	RED LEVERS	GREY LEVERS	BLACK LEVERS	GREEN LEVERS
PRICE				

**BUTTON VALVE W28.8**

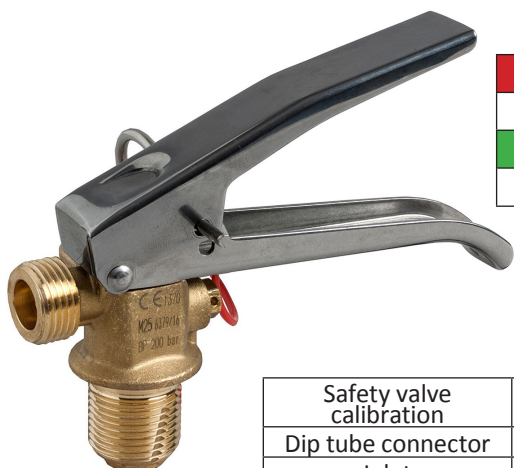


Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 28,8
Outlet	W 21,7



VALVES				
CODE	0218C	0218CG	0218CV	0218-1
COLOR	RED LEVERS	GREY LEVERS	GREEN LEVERS	INOX LEVERS
PRICE				

**NON-MAGNETIC BUTTON VALVE M25X2 INOX LEVERS**



CODE	0213-2
PRICE	

Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25x2

**NON-MAGNETIC BUTTON VALVE M25X2**



CODE	0220L
PRICE	

Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25x2

**BUTTON VALVES M 25X2 LATERAL OUTLET**



Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25 x 2

CODE
1885
PRICE

**SERIES MARE- INDUSTRIAL VALVE**



Pressure manometer separately sold

Manometer connector	1/8 NPT
Dip tube connector	M 16 x 1,5
Inlet	M 30 x 1,5

CODE
1906
PRICE

**NITROGEN HANDWHEEL VALVE**



CODE	PRICE
18491	

Inlet	W 28,8
Outlet	W 21,7 F
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**TILT VALVE W28-8**



CODE	PRICE
0223L	

Inlet	W 28,8
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	G 1/4"

**CO2 CONICAL HANDWHEEL VALVE**



CODE	PRICE
1153I	

Inlet	W 28,8
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**CO2 HANDWHEEL VALVE M 25x2**



CODE	PRICE
0222	

Inlet	M 25x2
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	G 1/4"

**CONIC HANDWHEEL VALVE FOR FOOD USE**

**RESIDUAL VALVE**



CODE	PRICE
9382	

Inlet	W 28,8
outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**T-PED CERTIFIED**



PRICE	CODE
	1153A

### SPRINKLER VALVE FOR AUTOMATIC EXTINGUISHERS



M 30x1,5

Inlet	M 30 x 1,5
Manometer connector	1/8" F NPT

Separately-sold manometer

CODE	Description	Price
0216-1	57° Orange bulb	
0216	68° Red bulb	
1815	79° Yellow bulb	
1160	93° Green bulb	
1160-1	141° Blue bulb	

#### CONNECTION BETWEEN SPRINKLER BULB COLOR AND ITS TEMPERATURE

57°C = 135°F	ORANGE
68°C = 155°F	RED
79°C = 175°F	YELLOW
93°C = 200°F	GREEN
141°C = 286°F	BLUE
182°C = 360°F	PURPLE

### BALL VALVE 3/4" M/F



Inlet	M 3/4" GAS
Outlet	F 3/4" GAS

CODE	PRICE
0217	

### BALL VALVE 3/4" M/M

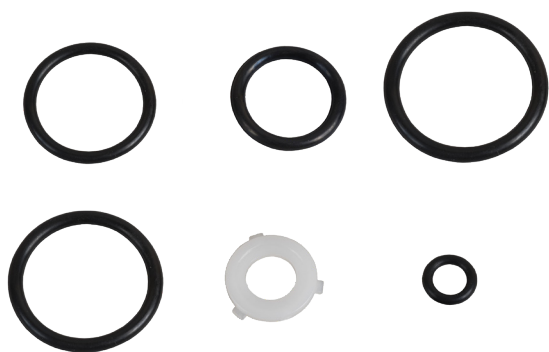
For mobile powder and  
foam extinguishers



CODE	PRICE
0217-2	

Inlet	M 3/4" GAS
Outlet	M 3/4" GAS

### SEALS FOR EXTINGUISHERS AND ACCESSORIES



The measures written in the list refer to the internal  
diameter

CODE	DESCRIPTION	SMALLEST PACK	PRICE
0204	Seal 21,7 x CO2-N2	100	
1812	Foam dim. 11,9 x 2,6	10	
1813	Foam dim.. 9,19 x 2,6	10	
0205	Manometer dim. 11,2 x 1,78	100	
0201C	Valve M30 dim. 30 x 2,95	100	
0201R	Valve M30 dim. 30 x 3,5	100	
0201-2	Valve M45 dim. 40 x 3,5	100	
0201-4	Valve M58 dim. 52 x 5	100	
0203	Valve dim. 45 x 3,35	10	
0202	Valve M25 dim. 25 x 3,5	10	
0201-5	Valve M74 dim. 68 x 4	50	

The prices written in the list refer to the single piece

### SAFETY VALVE CAP FOR MOBILE EXTINGUISHERS WITH EXTERNAL TANK

CODE	PRICE
2048	

SAFETY VALVE  
1/4" TARATA 23-27 BAR



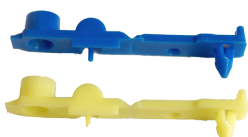
### 2" CAP WITH CE SAFETY VALVE



CODE	PRICE
18463	



## SAFETY SEALS

SIGILLI VARIO TIPO  
(Nome - Numero Progressivo)

CODE	TYPE	PACK	PRICE*
0092	BLUE	of 500 Pcs.	
0093	BLACK	of 500 Pcs.	
0094	YELLOW	of 500 Pcs.	

SEAL FOR SAFETY PLUG  
(Length. 35 mm)

CODE	TYPE	PACK	PRICE*
0285	GREEN	1000 pcs.	
1482	RED	1000 pcs.	
1483	YELLOW	1000 Pcs.	

## SMOOTH SEAL FOR TAG



CODE	TYPE	PACK	PRICE*
1422	130 mm	1000 Pcs.	
1423	230 mm	1000 Pcs.	

## SEAL FOR TAG (Length. 225 mm)



CODE	PACK	PRICE*
1385	da 1000 Pz.	

## RED JAGGED LACE



CODE	PACK	PRICE
0098	da 1000 Pz.	€ 87,20

## KNURLED SEAL FOR TAG (Length. 150 mm)



CODE	TYPE	PACK	PRICE*
1504	GREEN	1000 Pcs.	
1505	RED	1000 Pcs.	

## RED CODLINE (Length. 130 mm)



CODE	PACK	PRICE
0286	of 100 Pcs.	

## KNURLED SEAL FOR TAG (Length. 200 mm)

1000 Pcs. Pack



CODE	PACK	PRICE
0091	of 1000 Pcs.	

## PVC NUMERED SEAL (Length 210 mm)



CODE	PACK	PRICE*
1408	da 1000 Pz.	

\* Prezzo singolo pezzo

## SAFETY PLUG

CODE	DESCRIPTION	PACK	PRICE
0282-1	Diam. 3,45 L64 Inox304	of 100 Pcs.	
0282C	Diam. 4 L65	of 100 Pcs.	
0283	Diam. 3 L 64	of 10 Pcs.	
0283R	Diam. 3 L 64 Inox 304	of 10 Pcs.	
0284	Diam. 3 L 65	of 10 Pcs.	
0281	Diam. 3 L 50	of 10 Pcs.	
0282AC	Diam. 3 L 65 Amagnetica	of 10 Pcs.	
0282-2	Diam. 3,5 L65	of 10 Pcs.	

Safety plug for  
portable and mobile  
extinguishers.

## MANOMETERS



CODE	DESCRIPTION	PRICE
0271-1	Manometer diameter 23 mm with OR connector M10x1 hexagonal	
1576	Manometer diameter 23 mm with OR connector M10x1	
0271	Manometer diameter 23 mm with OR conector M10x1	
0272	Manometer diameter 23 mm without OR connector 1/8 NPT	



# EXTINGUISHER SPARE PARTS FOR PORTABLE AND MOBILE EXTINGUISHERS

## EXTINGUISHER DIP TUBES

PVC				PVC				PVC			
CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE
0151	M16x1,5	240 mm.		18401	G 3/4"	720 mm.		18410	G3/8"	610 mm.	
0152		280 mm.		0163		740 mm.		18411		1300 mm.	
0153		356 mm.		0162		870 mm.		18412		1460 mm.	
3033		390 mm.		0165		1080 mm.					
1859		400 mm.		1596		1500 mm.					
2179		415 mm.									
0154		420 mm.									
2180		430 mm.									
3034		456 mm.									
2180-1		480 mm.									
3035		500 mm.									
0155-1		515 mm.									
0155		530 mm.									
0156		540 mm.									

PVC				ALUMINIUM			
CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE
1699	m14X1,5	600 mm.		0158-1	G1/4"	348 mm.	
				0157-1		400 mm.	
				0159-1		540 mm.	
				0160-1		600 mm.	

### HOSE FOR MOBILE EXTINGUISHERS



CODE	DIMENSION	LENGTH	PRICE
0295	Powder/Foam	3500 mm.	
18421	Powder/Foam	5000 mm.	
18422	Powder/Foam	10000 mm.	

### HOSE FOR CO2 MOBILE EXTINGUISHERS



CODE	DIMENSION	LENGTH	PRICE
18425	Co 2	5000 mm.	

CODE	Ø NOZZLE	VALVE CONNEX- TOR	LEN- GTH (mm)	TYPE	PRICE
0291	5	G 1/4"	450	powd 3/4Kg	
0292	5	G 1/4"	570	powd.6 Kg	
1858	5	G 1/4"	540	powd. 6 kg	
0292-4	6,5	G 1/4"	570	powd.9/12 Kg	
0292-3	5	M 14 x 1,5	570	powd. 6 Kg	
0292-2	5	G 1/4"	570	non magnetic	
0293-3	3,8	G 1/4"	570	water	
0293-5	3,8	M 14 x 1,5	570	water	

### HOSE FOR PORTABLE EXTINGUISHERS



CODE	SUPPLIER CON- NECTOR	VALVE CONNEX- TOR	LENGTH (mm)	NOTES	PRICE
1646	M16x1,5	G 1/4"	600+280	Extension cable	
0293	M16x1,5	G 1/4"	600	Foam 6 lt	
2209	M16x1,5	M 14x1,5	600	Foam 6 lt Ring M58	
2209-1	M16x1,5	M 14x1,5	400	Foam 3 lt	
0294	FGW21,7x1/14"	W21,7"	715	Co2 Kg 5	

## CARBON DIOXIDE SUPPLYING CONES



n°	CODE	TYPOLOGY	Ø (mm.)	PRICE
1	0331	Kg 2 CO2 Ext.	hole Ø 1,9	
	0332	Kg 5 CO2 Ext.	hole Ø 2,4	
4	0331-1	Kg 2 CO2 -Ø 70 L132 Ext.	hole Ø 1,6	
2	1887	Kg 2 CO2 Ext.	hole Ø 2,7	
3	1771	Kg 5 CO2 Ext. (with hose)	hole Ø 4	
5	0332-1	Kg 5 CO2 Ext. (with hose)	hole Ø 2,5	
	0332-2	Kg 5 CO2 Ext. (with non-magn. hose)	hole Ø 2,5	

## NOZZLES



n°	CODE	DESCRIPTION	PRICE
1	1645	Shower head 3-6 L	
2	1938	Shower head 2 L	
3	2163-1	Industrial series system nozzle	
4	0287	Powder nozzle 1-2 Kg	
5	2163	Mare series system nozzle	

## PRESSURIZING CYLINDER



Internal pressurisation cylinder  
for extinguishers with pressuri-  
sation at the time of use



CODE	Co 2 Gr	FILLET(?)	TYPE	PRICE
3029	75	M 18x1,5	9 L	
3030	150	M 18x1,5	6 KG	
3031	200	M 18x1,5	9 KG	
3032	225	M 18x1,5	12 KG	
3029-1	55	M 18x1,5	6 L	

## HOSE HOLDER



CODE	DESCRIPTION	PRICE
1907	max diameter 190 flip-off	
0301	Diameter 160	
1907-3	max diameter 130 flip-off	
0301-1	with magnet in PVC	

## WALL SUPPORT FOR CO2 CYLINDERS



CODE	DESCRIPTION	PRICE
1907-1	Co2 - 2 Kg Diameter 104	
1907-2	Co2 - 5 Kg Diameter 136	



# EXTINGUISHER SPARE PARTS FOR PORTABLE AND MOBILE EXTINGUISHERS

## WHEELS FOR MOBILE EXTINGUISHER COMPLETE OF COTTER PIN OR WHEEL CHOCK

CODE	Ø	Kg max	Notes	PRICE
1686	100 mm	90	Rotating	
0124	300 mm	100	Bicomponent	
0124-1	300 mm	250	With bearings/rubberised	
0125	400 mm	200	Bicomponent	
0125-1	415 mm	200	With bearings/rubberised	



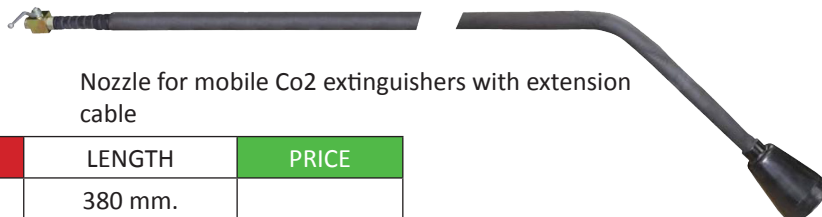
## WHEELED CARRIAGES



CODE	Ø CASING	Description	PRICE
0123	232 mm	Wheeled carriage for Co2 tank Diam. 232	
0122	360 mm	Wheeled carriage for Kg/Lt 100 ext.	
0121	315 mm	Wheeled carriage for Kg/Lt 50 ext.	
0120	270 mm	Wheeled carriage for Kg /Lt 30 ext.	
18488	163 mm	Co2 doble-cylinder carriage for Kg 10 EN 1866	
18487	267 mm	wheeled carriage for Co2 Kg 50 EN 1866	
1692		Mobile devices carriage 100/200 Kg	

Products consist only of the structure in painted steel PAR3000 with fasteners, wheels are sold separately. The product n. 1692 consists only of the painted structure RAL3000 (without wheels and accessories).

## NOZZLE FOR MOBILE CO2 EXTINGUISHERS



Nozzle for mobile Co2 extinguishers with extension cable

CODE	LENGTH	PRICE
0336	380 mm.	
1601	2,5 m	

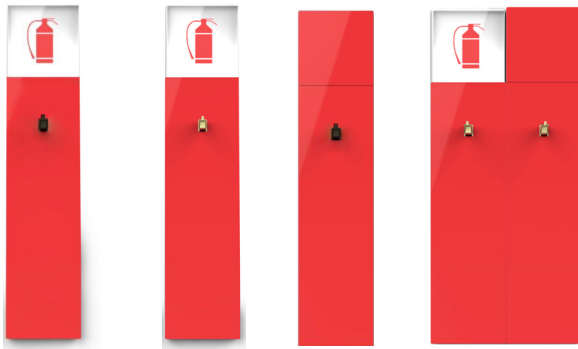
## NOZZLE FOR MOBILE EXTINGUISHERS



CODE	TYPOLOGY	PRICE
2181	L 25-30-50	
2181-1	L 100/150	
2181-2	25-30-50 kg powder	
2181-3	100/150 kg powder	

NOZZLE WITH HANDLE FOR A BETTER STREAM PRECISION

## WALL SUPPORT



This wall support for extinguishers is made from polypropylene with injection moulding. It adapts to every extinguisher model and dimension, because of the choice between valve and cylinder support. It's an adjustable product with a diverse choice of combinations and colors (red and black). The innovative glass version includes a LED lamp that lights up to signal the position of the fire extinguisher when the fire alarm is activated.

CODE	DESCRIPTION	PRICE
2186	red, transparent head with LED	
2186-1	red, opaque cover	
2186-2	Red, transparent head, without LED	
2186-3	red, opaque cover	
2186-4	white, transparent head, with LED	
2186-5	white, transparent head, without LED	
2186-6	white, with opaque cover	
2186-7	white with, opaque cover	

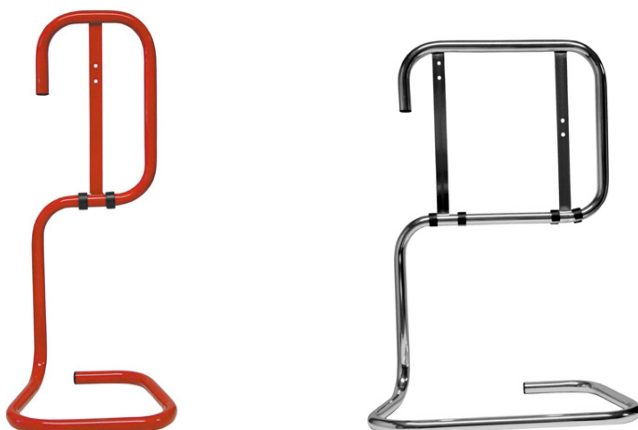
## POLYPROPYLENE STAND

Extinguisher stand in polypropylene with pole in aluminium. The base is simple and elegant in design, suitable for many different types of installation



CODE	SPECIFICATIONS	PRICE
0456-1	H 1162 - RED	
0457-1	H 1162 - BLACK	
0459-1	H 1162 - SILVER	
0456-2	H 1877 - RED	
0457-2	H 1877 - BLACK	
0459-2	H 1877 - SILVER	

## EXTINGUISHER STANDS

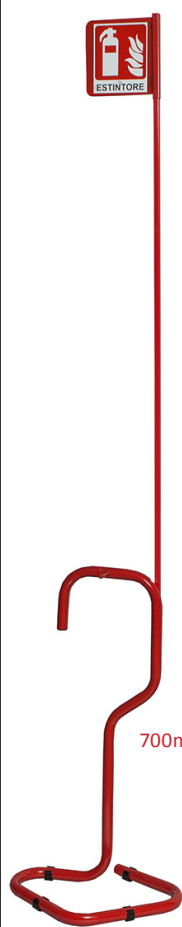


Extinguisher stands in painted and/or chrome steel RAL3000 for extinguishers with clip.

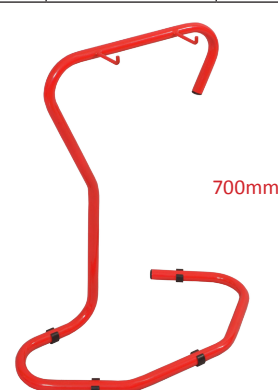
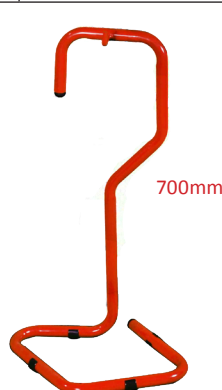
CODE	DESCRIPTION	PRICE
2141	base RAL3000	
2142	Chrome double base	

## EXTINGUISHER STANDS, BLACK/SILVER/RED MODEL

1800÷1900mm



CODE	TIPOLOGY	HEIGHT	PRICE
0457	Base+Rod and sign (Black) 2 Pcs.	1800 ÷ 1900 mm.	
0459	Base+Rod and Sign (Chromate) 2 Pcs.	1800 ÷ 1900 mm.	
0456	Base+Rod e Sign (Red) 2 Pcs.	1800 ÷ 1900 mm.	
0455	Base only (1 connection) Red	700 mm.	
1170	Base only (2 connections) Red	700 mm.	
1794	Stand Sign (Black)	-	
9083	Stand Sign (Chromate)	-	
1503	Stand Sign (Red)	-	



## EXTINGUISHER STANDS WITH ROUND BASE, BLACK/CHROME MODEL



CODE	TIPOLOGY	HEIGHT	PRICE
1935	Complete Stand (Black) 2 Pcs.	1800 ÷ 1900 mm.	
1933	Complete Stand (Chromate) 2 Pcs.	1800 ÷ 1900 mm.	
1934	Stand Base (Black)	700 mm.	
1932	Stand Base (Chromate)	700 mm.	

Stand with domed base in ABS and tubular rod in painted steel.

The complete model has another tubular pole and a double facial sign in black PVC.



## CO2/NITROGEN CYLINDERS



### Co2 charged tanks complete with handwheel valve and protection cap

CODE	Co2 Charge	Ø mm	H mm	Notes	PRICE
18518	2	103,5	475	For extinguishers	
18519	1,2	103,5	475	For extinguishers	
18525	0,8	103,5	475	For extinguishers	
1774	2	116	362	For food use T-PED	
1370	4	136	490	For food use T-PED	
1370R	4	136	490	For food use T-PED - residual	
1774R	2	116	362	For food use T-PED - residual	

### Co2 charged tanks complete with handwheel valve and protection cap

CODE	Nitrogen Bar	Ø mm	H mm	Volume	PRICE
18516	70	103,5	485	3 L	
18523	110	103,5	485	3 L	
18515	180	103,5	485	3 L	
18517	90	103,5	485	3 L	
1379	300	140	435	5 L	
1630	300	140	580	7 L	
1380	300	176	730	14 L	
1278	300	203		27 L	
1298	300	203	1695	40 L	

### Empty cylinders without valve and cap

CODE	Ø mm	H mm	Volume (L)	Notes	PRICE
18299	232	1180	40	For Co2	
18330	204	645	15	For Co2	
18332	232	850	28,6	For Co2	
18333	267	1470	68	For Co2	
18472	103,5	485	3	For Nitrogen	

## PROTECTIVE CAP



CODE	PRICE
0096	



CODE	PRICE
8623	



CODE	PRICE
18493	

## VALVE CAP

Safety valve cap  
W 21,7. 50-pieces  
pack



CODE	PRICE
0206	

## WATERPROOF PROTECTIVE COVER FOR EXTINGUISHERS WITH SERIGRAPHIC PRINT

They protect the extinguisher from dust, corrosion and atmospheric agents.



n°	CODE	TPOLOGY	PRICE
1	0401	For 6 kg powder portable extinguishers	
	1195	For 5 kg Co2 (9-12 powder) portable extinguishers	
2	1471	dim. 60x100x130H for mobile devices	
3	1795	Dim. 120x75 for 30-50 kg powder extinguisher/10-20 kg Co2 extinguisher	
	1796	Dim. 150x95 for 100 kg powder extinguisher/30-50 kg co2 extinguisher	
	1797	Dim. 180x110 for 150 Kg powder	

# EXTINGUISHER ACCESSORIES FOR PORTABLE AND MOBILE EXTINGUISHERS

## WALL SUPPORTS

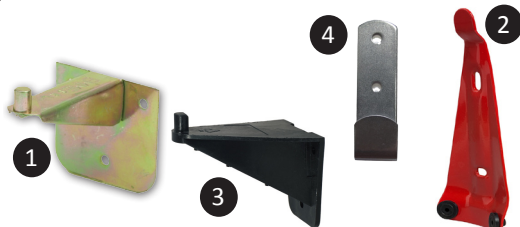


CODE	FOR STAINLESS STEEL EXTINGUISHERS	Ø mm	PRICE
1167	co2 2 kg Stainless steel	111	
1238	co2 2 kg Steel	116	
0315	3/4 kg powder/foam	130	
0319	co2 5 kg Steel	140	
1429	co2 5 kg Steel	152	
0316	6 kg powder	160	
1338	6 kg powder	160	
0318-1	9 kg powder/foam	170	
0318	9-12 kg powder	180	
0326	1 kg powder	85	
0327	2 kg powder	110	

CODE	FOR STAINLESS STEEL EXTINGUISHERS	Ø mm	PRICE
0325	9-12 kg powder	180	
1464	6 kg powder	160	
1465	5 kg co2	140	

CODE	FOR THE MARE SERIES STAINLESS STEEL EXTINGUISHERS	PRICE
0315-1	for casings of Diam. 130	
0316-1	for casings Diam. 160	
0317-1	for casings Diam. 190	

## WALL SUPPORTS



n°	CODE	DESCRIPTION	PRICE
1	0313	Metal	
2	3036	Metal	
3	0323	PVC	
4	3036-1	J Bracket	

## POLYPROPYLENE WALL SUPPORTS



This extinguisher wall support is made of polypropylene, with the technique of the injection moulding. It is suitable for every type of extinguisher, easy to assemble and available in different colours (red and white). Moreover, it is a design product, which reduces the visual impact of the extinguisher.  
Dim. 386x234x400



CODE	COLOUR	PRICE
2174	White	
2174-1	Red	

## SUPPORTS FOR SHIPS



CODE	DIMENSIONS	PRICE
0324	160 mm Lockable	
0324-1	160 mm With laces	
0325-1	180 mm Lockable	
0325-2	180 mm With laces	

## DOMES FOR EXTINGUISHERS



CODE	DESCRIPTIONS	PRICE
1862	Ø 160 mm Black colour	
1862-2	Ø 160 mm Blue colour	
1862-3	Ø 160 mm Satin grey colour	
1862-5	Ø 158 mm Black colour	
1863	Ø 160 mm Chrome colour	

## PERIODIC INSPECTION REGISTER



CODE	PRICE
0080	

## BOXES FOR DOCUMENTS



CODICE		PREZZO
0952	In ABS Dim. mm 305x52x366H	
0951A	In Metallo Dim. mm 250x50x350H	

## LEAK-FINDER



It allows to verify the leaktight

CODE	PRICE
1119	

## PERFORATING NIPPER (Light 50mm.)



CODE	TPOLOGY	PRICE
0405	Circle hole	
0406	Fantasy hole	

## CLAMP CASE



Black leather  
(Crust)

CODICE	PREZZO
1372	

## HAMMER CASE



Huge pocket made  
of EVA with cut-in for  
pens

CODE	PRICE
9437	

## MAINTAINER BAG



Standard fitted-in: 1 brush, 2 screwdrivers, 1 rubber hammer, 1 portable dynamometer with 50 kg of capacity, 1 hole-driller, 1 adjustable wrench, 1 universal pipe wrenches, 1 retractable metre, 3 set of seals, 1 set of safety plugs, 1 set of seals for signs.

CODE	DESCRIPTION	PRICE
8448	Empty bag	
1703	Full bag	

## MAINTAINER VEST



DESCRIPTION:  
2 huge front pockets  
made of velcro, 4  
little pockets, lateral  
splits, badge pocket.

Tg.	CODES
	Navy
S	10026-1
M	10027-1
L	10028-1
XL	10029-1
XXL	10030-1
3XL	10031-1
4XL	10032-1
€	€ 62,62

Available in 3 other  
colours. Look up  
in the PPE section  
at the voice "firefi-  
ghting maintenance"

## HAMMER CASE



Back ring with clip-on lock.  
Whit lateral elastic band  
for pens.

CODE	PRICE
9438	



## INSPECTION LAMP



Inspection lamp with LED, equipped with a metal, flexible extension cable, and an anatomic, rubber, slip-and-impact-resistant handle.

CODE	PRICE
0413	

### TECHNICAL SPECIFICATIONS

Dimension mm.	520 x 40
Power supply	2 SBatteries AAA (LR03)
Pack	1 Piece

## PNEUMATIC PLIER



For the extinguisher pressurizations

CODE	PRICE
0461	
5000	

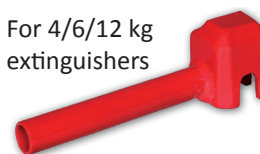
Cono Tornito in EPDM



## MANUAL WRENCH

Manual wrench for disassembling the extinguishers

For 4/6/12 kg extinguishers



CODE	PRICE
0412	

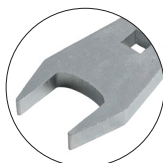
## MANUAL WRENCH

For disassembling mobile extinguishers



CODE	PRICE
1970	

## DYNAMOMETRIC WRENCH



2



3



## FLAME PROOF BLANKET

Flame proof blankets, made of certified glass fabric.

TUBE	BAG	Normativa: EN 1869	
CODE		MISURE	PRICE
Cod. 6171	-----	900x900 mm	
Cod. 6172	Cod. 6204	1200x1800 mm	
Cod. 6173	-----	1800x1800 mm	



## BELT FOR UTENSILS



4 Rings with regolable dimension. Regolable central rings.

CODE	PRICE
9439	

## BELT FOR UTENSILS

4 huge central pockets. 2 lateral small pockets.



Tissue ring for hammer. Staff for signs. Pen and screwdriver holder.

CODE	PRICE
9440	

## DATA TERMINAL CASE



Huge data terminal pocket. Central elastic snap closure. Back ring.

CODE	PRICE
9441	

CODE	TPOLOGY	PRICE
0462	1 - dynamometric wrench - SIT Certificate on request	
0463	2 - For M30 extinguisher	
0464	3 - For mobile extinguishers	
0465	4 - For CO2 exting.Passo 27	
1614	4 - For CO2 exting.Passo 30	
0463-2	5 - For M45 extinguishers	
0463-1	5 - For M58 extinguishers	

## ELECTRONIC PORTABLE DYNAMOMETERS

N°	CODE	CAPACITY	SCALE INTERVAL	PRICE
1	0414	15 Kg.	20 g.	
2	0415	50 Kg.	50 g.	

### TECHNICAL CHARACTERISTICS

Dimension mm.	180x90x30
Precision	± 2 scale interval
Structure	In ABS with chrome metal hooks
Display	LCD 14 mm.
Power supply	1 Alkaline battery
Functions	Weight, Tare, Block
Weight	N. W. 240 g.
Included accessories	Retractable Metre 1 m.
Not included access.	Alkaline battery



## MANUAL VICE

Manual bench vice, ideal for a better stability during the maintenance.

CODE	PRICE
1193	



### TECHNICAL SPECIFICATIONS

Dimension mm.	H160 x L400 x P230
Tightened diameters	from 80 to 190mm.
Supply	Manual
Type of extinguishers	Powder Portable

## MANOMETER FOR PRESSURE CONTROL



Suitable for valves with external check valve



CODE	PRICE
0453	

CODE	PRICE
0453-1	

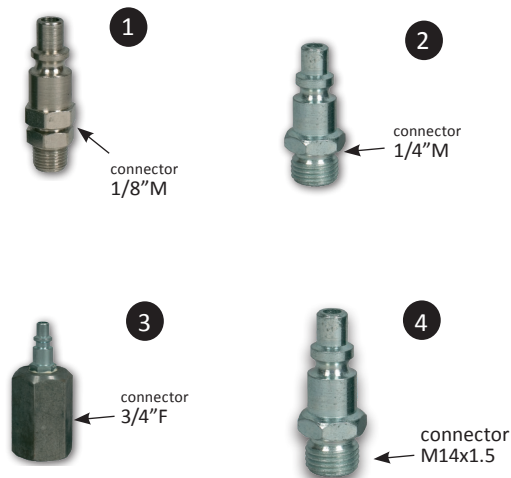
## WRENCH FOR CONTROL VALVE

CODE	PRICE
0411	



## QUICK CONNECTORS

Quick connectors for the pressurization of portable and mobile extinguishers



	CODE	TYPOLOGY	PRICE
1	0407	1/2 Kg	
2	0408	4/6/9/12 Kg	
3	0446	30/50/100 Kg	
4	0408-1	6 Kg M 58x2	

## PRESSURE REDUCER



Until 40 Bar	
CODE	PRICE
1178	

Until 20 Bar	
CODE	PRICE
0410	

Until 20 Bar with a second safety valve	
CODE	PRICE
0410-1	

## DIGITAL DEVICE FOR PRESSURE CONTROL



Digital manometer for the extinguisher pressure control. Possibility of printing on receipt.

CODE	PRICE
2136	

COMPLETE OF PRINTER WITH RELEASE OF REPORT

# ELECTRONIC SCALES

## PROGRAMMABLE ELECTRONIC SCALES



TECHNICAL SPECIFICATIONS							
N°	CODE	MODEL	CAPACITY	SCALE INTERVAL	Dimension	SIT CERTIFICATE	PRICE
1	0424	W100 75	75 Kg.	5 g	300x400x750	Sit certificate offer on request	
1	0426	W100 150	150 Kg.	20/50 g.	300x400x750		
1	0428	W100 300	150/300kg	20 g.	420x520x750		
4	0429	JIK6 300	300kg	10g	420x520x750		
4	0430	JIK6 600	600kg	20g	800x800x750		
3	0431	JIK6 15	15 Kg.	0.5g	330x440x750		
3	0432	JIK6 30	30 Kg.	1g	330x440x750		
3	0433	JIK6 60	60kg.	20g	330x440x750		
2	0434	W100 100	60/100kg	10 g.	330x440x750		
TECHNICAL SPECIFICATIONS: W100 75 - W100 150 - W100 300 - W100 100							
Structure		Base made of painted die cast aluminium, with weighing base in washable stainless steel					
Method of weighing		simple tare counting					
Display		big LED 25mm back-lighted with multifunction keyboard					
Power supply		rechargeable battery with rechargeable or electrical cable					
Included accessories		RS232, electrical supplying cable, regulable stands, column, adjustable display supp.					
TECHNICAL CHARACTERISTICS: JIK6 300 - JIK 600 - JIK6 15 - JIK6 30 - JIK6 60							
Structure		Base made of painted die cast aluminium, with weighing surfacein washable stainless steel					
Method of weighing		Tare,Pre-tara Simple counting, function %					
Display		Big LCD 30mm back-lighted with multifunction keyboard					
Power supply		Rechargeable battery (60-hour life) or with electric cable					

## PORTABLE SCALES



TECHNICAL CHARACTERISTICS						
N°	CODE	MODEL	CAPACITY	SCALE INTERVAL	DIM. (mm.)	PRICE
1	0436	VT 1 INOX 00090UB	30/60kg	10/20g	550x550x8 2- meter cable	
1	0437	VT 1 INOX 00090UB	60/150kg	20/50g		
2	0436-1	VT 1 IRON 00090UD	30/60kg	10/20g	550x550x80 2-meter cable	
2	0437-1	VT 1 IRON 00090UC	60/150kg	20/50g		
3	0438	VT 2 IRON 00090V	150/300kg	50/100g	990x550x80 2-meter cable	
4	0439	VT 2 INOX 00090VA	150/300kg	50/100g	990x550x80 2-meter cable	
Structure			Steel tubular and steel disc Platform structure with tubulars in painted metal with washable weighing surface;			
Display			LCD 25 mm.			
Power supply			Rechargeable battery(45-hours life) or external supplier.			
Functions			tare and reset, Weight blockage, Unit of measure, External Calibration, programmable Autooff.			
Included accessories			RS232, Supplier, Adjustable stands; Low-battery signal, wall-mounted viewer Kit or desk support.			
Not included accessories			Printer			



FAMILY 05



CODE	PRICE
0440	

TECHNICAL SPECIFICATIONS:				
Total dimension	Weight(overall mass)	Power supply	Absorbed strength	Max. sound level
1190mm L x 580mm P x 1450mm H	about 280 Kg.	220 Vca - 50/60 Hz	Max 3 KVA	70 dB (A)

SYSTEM FOR RELOADING AND HYDRAULIC TESTING OF PORTABLE AND MOBILE CO2, POWDER, GAS, AND FOAM EXTINGUISHERS PURSUANT TO LEGISLATION UNI 9994 AND FOR REWINDING AND HYDRAULIC AND DRY TESTING OF FIRE HOSES UNI 25-45-70.

Our company is a leader in the production and maintenance of fire extinguishers of all kinds, as demonstrated by the commercial success of its products and by the UNI EN ISO 9001 certification. We are pleased to introduce the FAMILY 05 system, an innovative device fully designed and built by the company and destined to revolutionise the world of maintaining, overhauling, and testing any type of powder, CO2, or foam extinguisher, as well as hoses UNI 25-45-70, both at a fixed location or directly at a home, in full compliance with all the requirements under UNI 9994 legislation on maintenance and testing requirements for fire extinguishers and, in the execution of maintenance and testing, in accordance with the provision of Legislative Decree 81/08. Thanks to FAMILY 05, it is now possible to offer an at-home service, installing the machinery in any type of maintenance van with a top quality exclusively and only achievable with services carried out at a fixed location using various bulky equipment. This enables you to significantly reduce maintenance costs and increase the efficiency of your service, thus making it more attractive to customers. FAMILY 05 racchiude infatti al suo interno tutte le capacità operative di oltre otto macchinari di vecchia concezione abbassando di conseguenza anche la soglia di investimento a cui la Vostra ditta di manutenzione dei presidi antincendio fino ad oggi era costretta a sottoporsi.

DESCRIPTION OF USE:

Compared to all other equipment for the same purpose, the FAMILY 05 system, thanks to its small size, enables you to carry out reloading and hydraulic testing of mobile and portable CO2, powder, gas, and foam extinguishers pursuant to UNI9994 regulations, and rewinding and testing of fire hoses UNI 25-45-70 at the place of work of the owner or of the customer themselves. Thanks to its reduced electrical power and the operating voltage of 220V, FAMILY 05 can operate connected to either an electrical or a civilian system

## FAMILY 05 COMPONENTS



### VACUUM PUMP FOR POWDER

Vacuum pump for emptying and refilling powder; the pump is equipped with protective filters for transferring powder during loading operations.

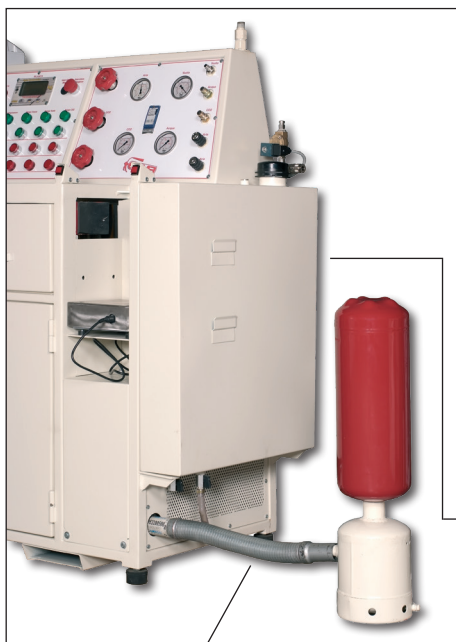
### PNEUMATIC VICE

Pneumatic vice for holding the casing of the extinguisher in place, a basic requirement for screwing and unscrewing the valves.



### ELECTRONIC SCALE

Electronic scale for better precision when reloading casing.



### CO2 PUMP

Pump for transferring CO2, essential for reloading extinguishers by transferring liquid CO2 from a storage cylinder to the individual fire extinguisher



### STAINLESS STEEL WATER RECOVERY TANK

80 L stainless steel tank, useful for all operations where it is necessary or preferable not to waste the water used for hydrostatic/ hydraulic testing.

### HOT AIR GENERATOR

Hot air generator, essential for drying the casings after a hydrostatic test.

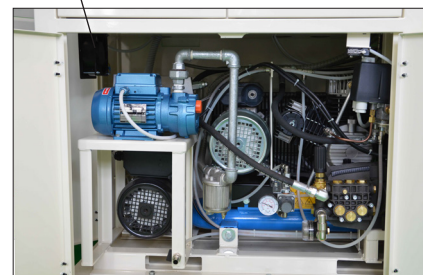


### WATER PUMP

Water pump that can be used for:  
- hydrostatic extinguisher test to check the integrity of the tank;  
-hydraulic hose test.

### AIR COMPRESSOR

18 bar air compressor for dry pressurising UNI 25-45-70 hoses and for all cleaning typically done at the end of an overhaul.



COMPONENTS NOT INCLUDED IN FAMILY 05

MANUAL HOSE WINDING UNIT

Manual hose winding unit complete with manual-rollers to expel water.



CODE	PRICE
0443	

BENCH VISE



CODE	PRICE
0442	

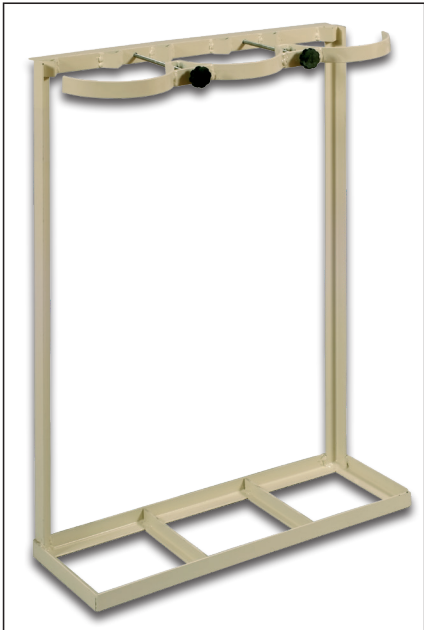
CONNECTION FOR FITTINGS UNI 45/70



CODE	PRICE
0445	

RACK FOR RELOADING CYLINDERS

Rack for reloading cylinders of extinguisher to be installed inside the equipped van or at place of work.



CODE	PRICE
0444	



## CARRIAGE FOR AIR UNI 45 HOSE TEST



### TECHNICAL CHARACTERISTICS:

- stainless steel structure D.800x63x1200 h, weight about 70 kg
- power source compressor Volt 220 kw 1,5 20 B max + 18 lt tank
- mechanic safety valve
- 0 – 40 glycerin pressure control manometer
- two-position manifold for UNI 45 hose
- extension cable with automatic winder (MT.14+2 kw 1,8 spring) for electric cable
- manual hose winder with electric option

CODE	PRICE
1534-2	

## PORTABLE WATER CARRIAGE FOR HOSES

CODE	PRICE
1534-4	



### TECHNICAL CHARACTERISTICS

- stainless steel structure D. about 800x480x1100
- motor-reducer with safety clutch for hose winding
- hose winder with mechanic safety clutch
- start and stop control case (for pump engine)
- mechanic safety valve, 20 Bar tared
- pump engine Volt 220 HP 2,0
- pump with 20 lt per minute capacity, Bar 120 max + pressure regulator
- control knob for manual pressure control
- N. 4 collector with three connections UNI 45 hose
- 14 meters electric cable winder with sprig return Kw 1,8

## CARRIAGE FOR WATER TEST OF HOSES AND TANKS

CODE	PRICE
1534-5	



### TECHNICAL CHARACTERISTICS

- Stainless steel structure D. about 800x480x1100
- hose winding motor-reducer with electric pedal controller
- hose winder with mechanic safety clutch
- 20-Bar-tared safety valve for hoses
- Selection valves for hose/tank tests
- Start and stop control case pump engine
- Pump engine Volt 220 HP 2,0
- Pump with 15 lt per minute capacity Bar 200 max.
- control knob for manual pressure control
- hose pressure control manometer
- extinguisher tank pressure control manometer
- N. 4 collector with three connections UNI 45 hose
- 17 meters electric cable winder with sprig return Kw 1,8
- Stainless steel connector M30x1,5 for extinguisher tanks
- Overall weight 95,0 kg

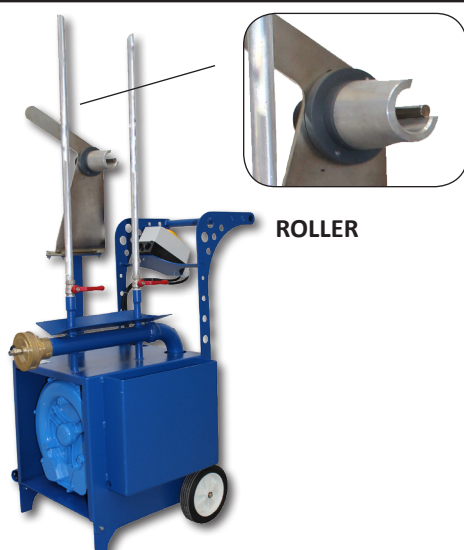
**WATER TESTING MACHINE**

**TECHNICAL SPECIFICATIONS**

Dimensions (mm.)	H = 988 - L = 529 - P = 477
Weight	Kg. 61
Pump max. capacity	8 L/min a 120 ATM
Engine	1,8 Kw - 1450 rpm - 50Hz
Power source	220 V

CODE	PRICE
5001	

Equipment for water testing tanks for portable fire extinguishers up to 34ATM and UNI 70 and UNI 45 hoses up to 12/15ATM, comes with 10 L reserve water

**DRYING MACHINE ROLLER**

**ROLLER**
**COMPONENTI**

- Toroidal fan engine  
220V - 1,5 Hp - 50 Hz
- Fire hose adapter type UNI 70
- Cork UNI 45

Equipment for drying tanks for portable fire extinguishers and fire hoses, comes with a roller.

CODE	PRICE
5002	

**TECHNICAL CHARACTERISTICS**

Dimensions (mm.)	H = 130 - L = 1000 - P = 670
Weight	Kg. 57
Power source	220 V

**CARRIAGE FOR EXTINGUISHER MAINTENANCE**

**TECHNICAL CHARACTERISTICS**

- Stainless steel structure D. 800x63x1200 h, 20 kg weight
- Rotatable vice, with brake shoe covered with rubber
- 5,0 lt Nitrogen cylinder
- Pressure reducer competed with curl tube
- Tool kit case
- Wheels with up-and-down-system for steps
- Drum for N.6 of 6 kg extinguishers

CODE	PRICE
1534-1	

## CARBON DIOXIDE PUMP

### TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 540 - L = 620 - P = 220
Empty Weight	Kg. 45
Single phase engine	220V - 3 Hp - 2800 giri/min
Loading speed	1,8 Kw - 1450 rpm - 50Hz

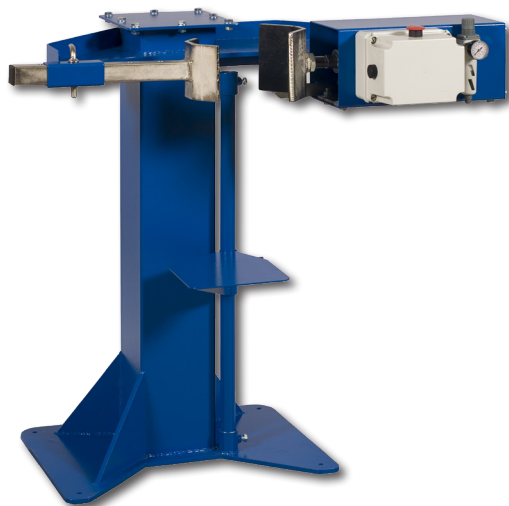
Equipment that enables you to load fire extinguishers or carbon dioxide cylinders, compressing the liquid CO<sub>2</sub> at high pressure directly into the cylinder. Can be used for cylinders or tanks with a capacity from 0.2 to 45 Kg. It has a universal quick connection fitted with residual CO<sub>2</sub> vent.

CODE	PRICE
1192	



## PNEUMATIC VICE

Pneumatic vices with a foundation similar to the one of the weighing machinery, for the dismantling of low-and-high-pressured portable extinguisher valves. Available in different versions, with turning base and tightening diameter from 80 to 260 mm. Power supply 10 Bar max.



CODE	PRICE
1315	on request

### TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 1000 L = 1070/1150 P = 600
Weight	Kg. 90/130
Power source	max. 8 atm pneumatic

## MACHINE FOR CO<sub>2</sub> VALVES

This device enables you to loosen or tighten the valves on CO<sub>2</sub> cylinders of any capacity. It is fitted with a pneumatic clamp that holds tanks with a capacity from 2 to 50 kg in place. The tightening torque is set by the keyboard with automatic locking. It is equipped with two-hand control in compliance with accident prevention regulations.



CODE	PRICE
9479	

### COMPONENTS

- Steel frame with baked enamel finish.
- Extendible clamping arm for cylinders with a height 90 cm. to 2 meters.
- Universal key adjustable from 24 to 51 mm.
- Three-phase electric motor with gear reducer.
- Control panel with inverter.

AVAILABLE IN DIFFERENT VERSIONS IN RELATION WITH DIAMETERS



# POWDER COLLECTING DRUMS

These are secure metal tanks, fitted with two filters made of a special material to let air escape. They enable you to unload the powder to be disposed of directly from the pressurised extinguisher into bags.



## COMPONENTS:

- Pressure gauge for measuring internal pressure.
- Safety valve
- Quick disassembly lid.
- 1.5 m hose with quick connector for direct discharge from the extinguisher.
- Outer casing made from sheet steel with baked enamel finish.
- Carrying handles.

## TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 600 - Ø 450
Weight	Kg. 25
Capacity	Max. 30 Kg.

CODE	PRICE
1643	



Secure metal tank with baked enamel finish for collecting powder.

## COMPONENTS:

Powder intake with 60mm diameter  
Adaptation for output  
CODE 9628 - 1319 - 1317  
Quick disassembly lid  
Carrying handles.

CODE	PRICE
9430	



Powder collection drum for emptying powder extinguishers, for carrying out operations in full compliance with hygiene and safety regulations in the work of maintenance and testing personnel, and where such operations are to be performed.

## SPARE ACCESSORIES:

Nylon bags for powder  
Kg.1 = 10 Bags Cod. 1134 € 21,00  
Air intake filter Cod. 1803 € 65,00

CODE	PRICE
0441	



This machinery is a valid way to empty portable and mobile powder pressurized extinguishers, without the need of heavy and large sized equipment.

## TECHNICAL CHARACTERISTICS

Dimensions (mm.)	1200 x 500 x 500 mm;
Weight	40 Kg
Capacity	180 Lt;

CODE	PRICE
1643-1	

## POWDER RECOVERY MACHINE



CODE	PRICE
1605	

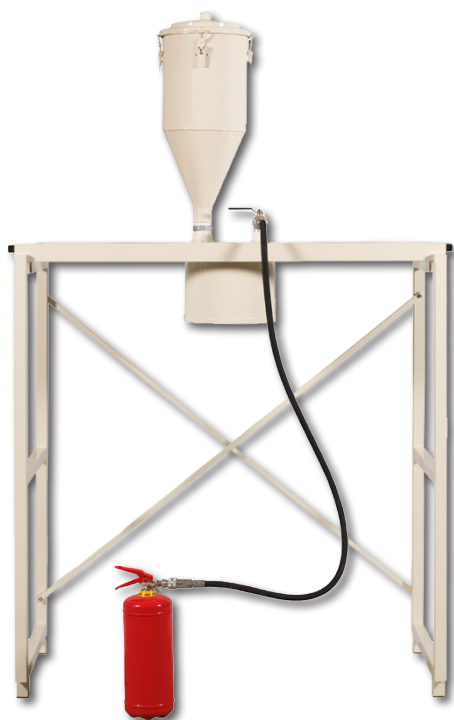
This device allows the powder to be disposed of to be recovered directly from portable or mobile extinguishers, both pressurised or non-pressurised, in large 1,000 kg bags, without any environmental pollution. The controls, both electrical and eumatic, are positioned in two control units within easy reach of the operator.

The recovery speed is about 3,000 kg of powder per day. The machine is equipped with three connections for emptying fire extinguishers, which include an aluminum tube for suction of non-pressurised tanks, a quick connector with high-pressure hose for mobile and special extinguishers, and a rubber flanged diaphragm with calibrated hole for directly discharging portable extinguishers without removing the hose.

### COMPONENTS

- 1 x 400 kg powder silo with baked enamel finish fitted with filters and pneumatically controlled ball valves.
- 1 pneumatically controlled butterfly valve DN 250 for emptying silos.
- 1 control unit for pneumatic valves.
- 1 electrical control box fitted with start and stop switch, power on and motor running indicators, and circuit breaker.
- Electrically operated fan type toroidal motor with high head, 2.2 KW 380 V.
- 1 hose with quick connection for emptying pressurised extinguishers.
- 1 flexible tube equipped with no. 2 aluminum tubes with different diameters for suctioning residual powder.
- 1 rubber flanged diaphragm.

## EXTINGUISHER EMPTYING MACHINE



Modular metal structure for emptying pressurised extinguishers directly into 1000 kg big bags.

Fitted with 3 absolute powder filters to relieve pressure without environmental pollution and high pressure hose with quick connections for portable and mobile fire extinguishers.

CODE	PRICE
9478	

## EQUIPMENT FOR LOADING AND EMPTYING OF POWDER EXTINGUISHER TANKS

Equipment that enables any portable or mobile powder extinguisher to be loaded and emptied. They can even be transported on vehicles and can be adapted to equipped vans. Quiet and extremely simple to use, with virtually unlimited operating conditions, these enable any type of work without environmental pollution from the powder.

CODE	PRICE
1319	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1780 L = 500 P = 570

CODE	PRICE
1319-1	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1700 L = 500 P = 570

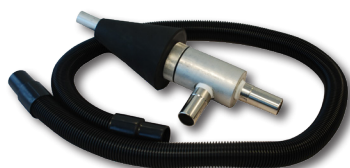
CODE	PRICE
1317	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1780 L = 500 P = 800

**Accessory for transferring powder away from the loading machine**

How to use: place the rubber cone on the tank to be loaded. Connect the hose to the side connector of the Venturi cone; start the motor and suction all powder through the hose placed over the cone. The conical rubber part can be unscrewed and attached directly to the machine

**COMPONENTS**

Moulded rubber cone 120 mm diam  
Machined aluminum structure  
Black flexible tube L = 1700 mm

CODE	PRICE
9628	

**SLIDE FOR CODE 1319 - 1317**

An accessory that enables machinery for working outdoors and loading mobile extinguisher tanks to be repositioned on equipped vans. There are two versions per type of machine. Dimensions: H = 400 mm - L = 500mm - W = 900 mm

**COMPONENTS**

- 2 slides to be fixed on the loading bed L=900 mm.
- Self-propelled frame with baked enamel finish for housing support rod 1319-1317.
- 8 double-wheeled trolleys for sliding.
- 2 removable fasteners to use for relocations.



CODE	PRICE
5003	



The 1756 equipment allows to make the leap in quality for the production / refilling of portable fire extinguishers and wheeled ones with a capacity from 1 to 100 Kg. With a loading speed for standard ABC powders of about 1 kg / second allows a production / refilling of about 600 extinguishers of 6 kg each per day whereas the dead time for the supply of powder and tanks. The powder is stored in the 1000 kg tank which is equipped with direct suction system run by big-bag or saccets.

## COMPONENTS

- No. 1 Silos of 1.3 mc, with filters, reinforced steel, 5 mm thickness, painted, capacity of 1000 kg of ABC powder.
- N. 1 smaller Silo with empty tank function and fine powder recovery cycle.
- No. 1 group with an aluminum frame which contains the electronic scale plan, head control, actuators button and the mushroom emergency button in full compliance with safety regulations, pressure reducing valves, solenoid valves and the general framework managed by PLC with the balance display. The system is equipped with 12 weight memories



Dim. 3600Lx1600Px3000H mm



CODE	PRICE
1756	

TECHNICAL CHARACTERISTICS	
Empty weight	750 Kg
Vacuum Pump	(50 mc/h - 380V) in oil bath
Electric scale	laptop with keyboard (220V) weighing 20 kg maximum
Capacity	1000 kg. ABC Powder
Speed filling	1 Kg powder / second (ABC to 40% of monoammonium phosphate)
Ball Valves	A pneumatic control
Necessary connections	n. 1 5-pin socket (220 / 380V) n. 1 compressed air strip min. 8 bar

The refilling machines for powder extinguishers are systems that allow the most speed in charging. With just 6 seconds you can load a 6 kg powder extinguisher.

All the machines here represented can be modulated according to the plant's space requirements and logistics moreover they can be integrated with specific accessories for the use of two different types of powder (40% - 90%).

The machines installation for fire extinguishers refilling will be assisted by our technicians who will carry out a training to your company's staff for the proper use of the installed equipment. All the machines are made to facilitate the refilling time so easy to use and maintain.

All systems are built and assembled with certified products and in compliance with safety regulations.

This machinery finally fill the gap between manual machines for the filling powders and the installation of high productivity. The equipment indeed, can be used by small and medium-sized maintenance workers too, thanks to its reduced dimension and its moderate price. With its rapidity of filling powders standard ABC of 1 kg./3 sec, managed by an electronic weighing system, allowing a filling of about 560 fire extinguishers of 6 kg every day, considering downtimes for the filling of powders in the reservoir. The powder aspiration in the reservoir is made by a hopper directed by big-bag, times of reservoir's filling is about 15/20 minutes.

#### COMPONENTS

- N.1 reservoir, provided with filters, in painted carbon steel, capacity 1000 kg of powder ABC.
- N.1 smaller reservoir, its function as empty reservoir and recovery of powders at the end of the cycle.
- N.1 hopper for the reservoir's filling and the containment of powders, with primary filter "break.-powder" and a cleaning system for eventual powder spills.
- N.1 group with an aluminium frame that contains: pump for the empty, weighing system, head of control, actuators pushbutton and emergency-stop mushroom pushbutton, in full compliance with accident prevention rules, the general electric panel with the scale monitor.
- Optional: accessory for loading of tracking shot and relating scale.

#### TECHNICAL INFORMATION

- Dimensions: L x P x H 2000 x 2000 x 2900 mm including spaces of relevance.
- Unladen weight: 400 kg
- Vacuum pump (20mc/h - 380 V) 0.75 Kw oil immersed
- Portable electronic scale with keyboard (220 V) maximum weight 20 kg.
- Positioning head of filling in manual scrolling
- Manual system of powder's aspiration at the end of the cycle and cleanliness of the ferrule to avoid the leak of powder in the environment.
- Fuelling: N.1 socket CE 380V 5p 16 A more aria 8 bar



CODE	PRICE
1756-2	

#### Filling sector:

- Semiautomatic filling post, aluminium stainless steel portable fire-extinguishers pneumatic acting with automatic system of cleaning ferrule at the end of the cycle, velocity of the passage 1 kg/sec with standard powder 40%
- General panel is managed by PLC with electronic system for the weighing of loaded powder in 12 controls that can be set through keyboard.
- Filling tracking shot with valves post at manual acting with weighing electronic system, velocity of filling the tracking shot is by 50 kg. Around 2 min with standard powders 40%.
- Empty lung reservoir – recovery of powders at the end of the cycle, complete of absolute powder's filter.
- Containment powders in the reservoir: 1000kg thickness of the steel 5 mm. Complete of absolute powder's filter.
- Hopper fulling powders reservoir, with break-powder and recovery system and cleaning powders at the end of the loading straight by big-bag , filling of 1000 kg in about 475 min with standard powders 40%.

#### Emptying sector:

- temporary reservoir for the containment of used up powders, of 400 kg. Complete of absolute powder's filter.
- Emptying of used up powders by temporary reservoir at big-bag, through pneumatic throttle DN250.
- Re-circulation of air system during the phase of emptying.
- Three joints for the emptying of the fire extinguishers, of which:
- Gummed flange for the direct discharge of pressured extinguishers.
- High pressure pipe with rapid attack for a safe discharge of the tracking suit.
- Aluminium dip tube for the aspiration of no pressured reservoir's powder.



CODICE	PREZZO
2157	

## MACHINES AND ACCESSORIES FOR MAINTENERS

### SIMULATOR FOR FIRE TEAM TRAINING

Completed with thermocouple, safety valve and rubber tube L. 5m



Dim. mm diameter 905 - H mm 225

CODE	PRICE
0359	



Dim. 960x960x200H mm

CODE	PRICE
1386	

### SPARE PARTS- ACCESSORIES

REGULATOR GAS LPG 25  
BAR 6/8 KG. FOR  
BATH TRAINING



CODE	PRICE
1760	

THERMOCOUPLE FOR  
BATH M8X1 L=400



CODE	PRICE
1759	

ROD FOR SPRAY OPE-  
NING



CODE	PRICE
0360	

GAS SPRAY REFILL



CODE	PRICE
0361	

GPL RUBBER TUBE  
8x13 10 BAR

5 m.



CODE	PRICE
1757	

### SMOKE MACHINE

It is a smoke machine of small dimensions.  
It is non-toxic and leaves no residue. It is possible  
to control the smoke emission remotely, through  
a 5-meters cable.  
It is ideal for simulating special effects of emer-  
gency cases and making the evacuation tests  
effective as provided by law.

#### TECHNICAL SCHEDULE

Supply	230Vac 50-60 Hz
Max. Power	800W
Control	Remote Control
Removable tank	3 Liters
Delivery time	20 seconds
Throw smoke	5 meters



CODE	PRICE
1409	

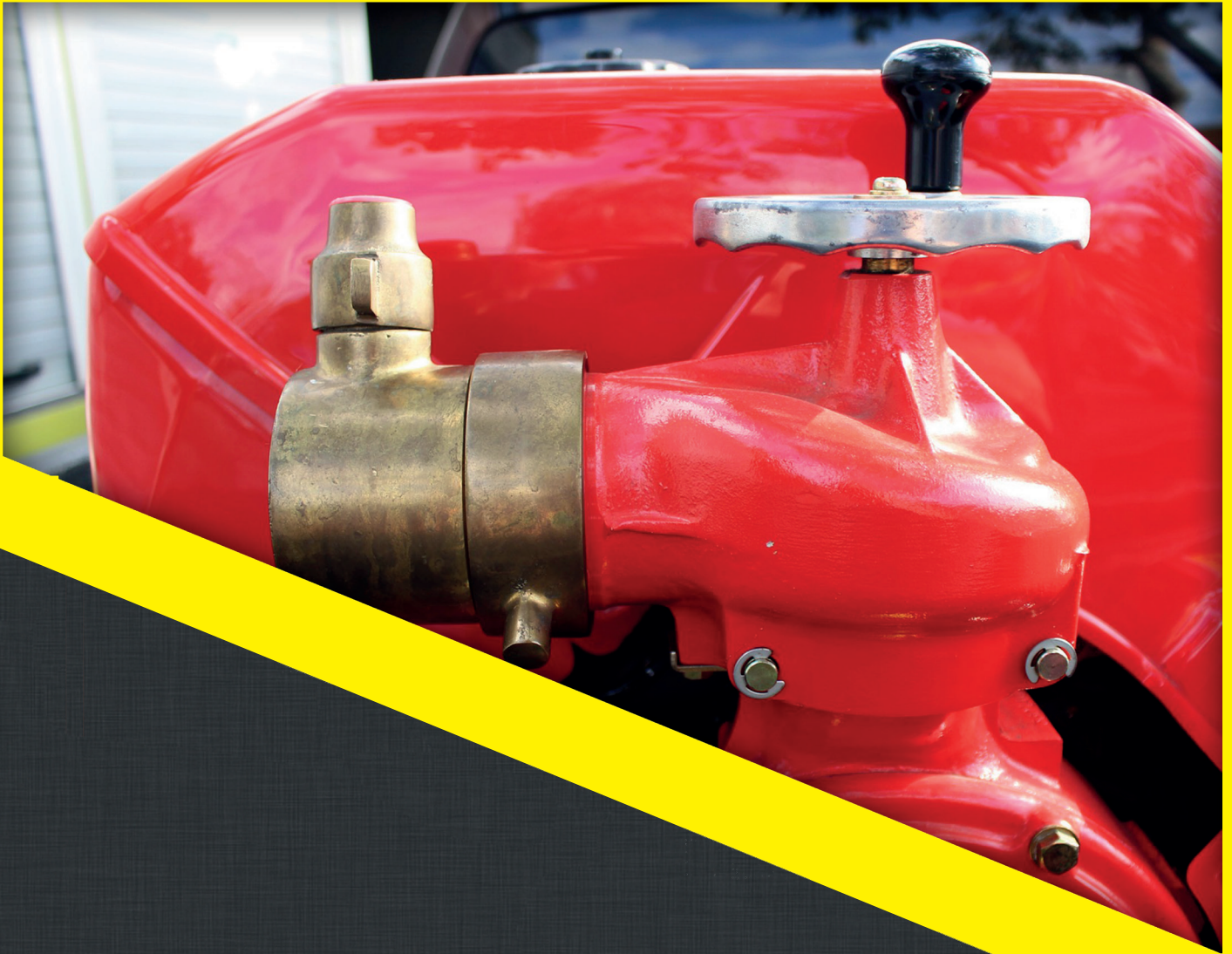
### 5L LIQUID SMOKE DRUM



Liquid for smoke  
generating machines.  
Non-toxic. Neutral  
fragrance.

CODE	PRICE
1410	





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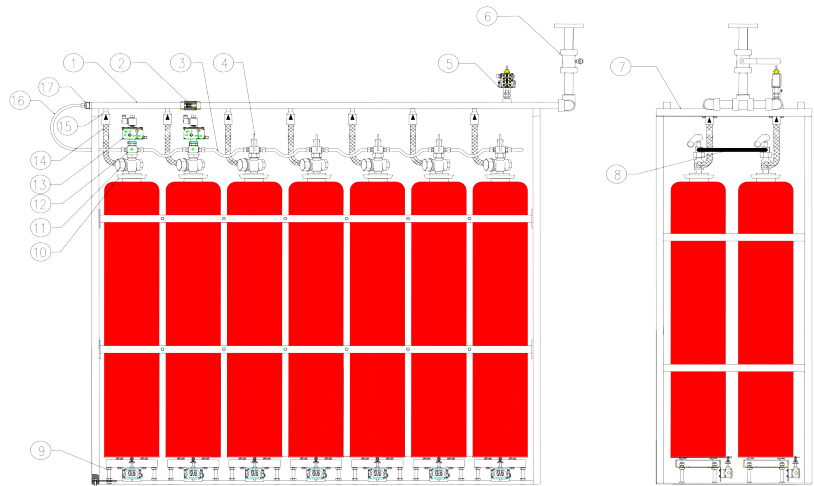
Fire suppression systems	150
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3

# SYSTEMS

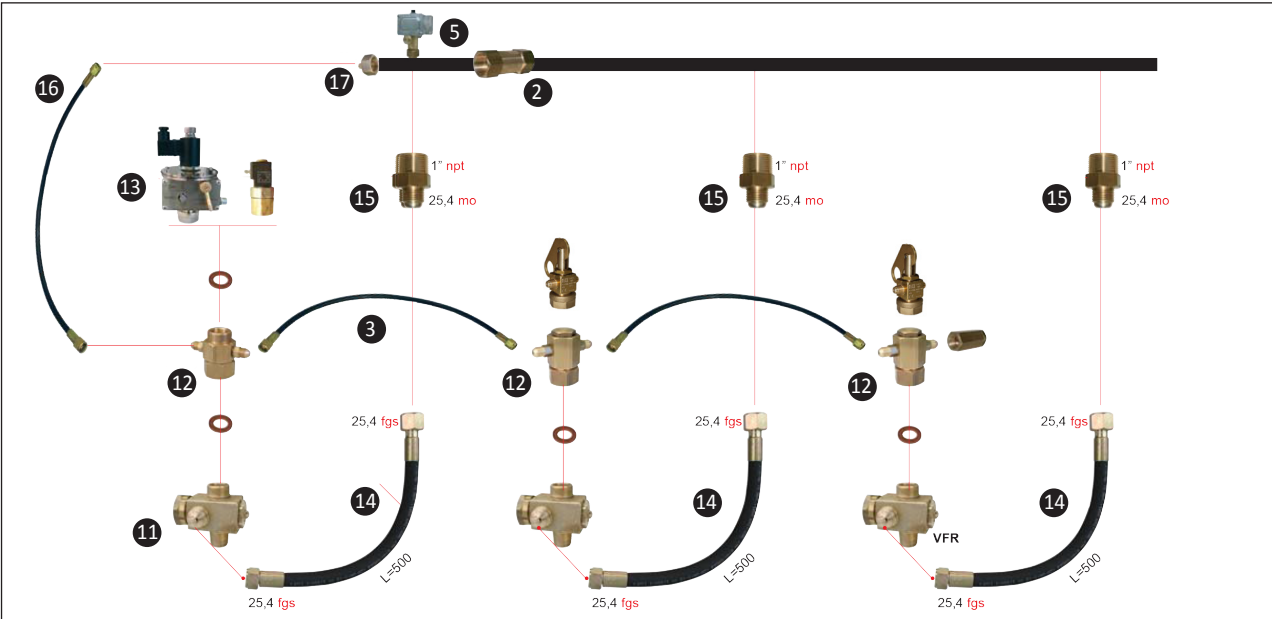
The extinguishing action of Carbon Dioxide (CO2) occurs firstly for the smothering of the fire (CO2 takes oxygen out of the air), and secondly for the cooling caused by the rapid gas expansion. It can be used on live electrical appliances. It is used to extinguish fires caused by flammable liquids, e.g. petrol, oils, paints, alcohol, etc. Example of a Co2 automatic system diagram With 67 lt cylinders diam. 267

Location	CODE	No.	Description
2	2257	1	Closed check valve
3	2256-1	12	Servocontrol hose 1/4 L 500 mm
4	2258-3	12	Hand-pressure control for VRF
5		1	Pressure Switch
6		1	Ball valve
8	2256-4	1	Servocontrol hose 1/4 L 800 mm
9	2184	14	Spring weight control system
10	1903-1	14	Cylinder cap nut
11	2255	14	Rapid flow valve 3/4 "25E VFR
12	2257-4	2	Two-way internal valve
13	2258-2	2	Manual electric control 24 Vdc 12w IP65
14	2256-3	14	Delivery hose L 430mm
15	2257-1	14	Ball check valve
16	2256-4	1	Servocontrol hose 1/4 L 800mm
17		1	Reduction G1FxG1 / 4M Ogiva



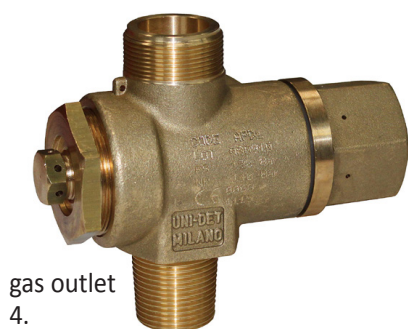
CODE	Kg	Lt	Ø	H	PRICE
31279	20	27	232	850	
31409	30	40	232	1180	
31509	50	67	267	1470	

With the implementation of the European legislation PED 2014/68 / UE - DM 6/03/2000, the manifold must be inspected and certified. All of its components must be subjected to hydraulic test pressure and the manifold must be marked with an EC tag with all its data and a manufacturer's certificate must be issued. Emme Antincendio builds collectors according to the laws in force and issues the necessary certification.





## Rapid Flow Valves Co2 VFR

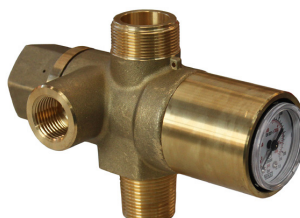


CODE	PRICE
2255	

## Nitrogen Valves

CODE	PRICE
2255-2	

VFR 3/4 "with pressure gauge



## Retarding valve

Delays the discharge of CO2, it is mainly used in boat systems. RINA obligation is mandatory. Its activation allows to evacuate the CO2 discharge space.

CODE	PRICE
2255-1	



## Ball check valve

CODE	PRICE
2257-1	



## Electrical control



CODE	Spec.	PRICE
2258	220 VAC MAX	
2258-1	12 VDC	
2258-2	24 VDC	

## Actuation controls for Rapid Flow Valves VFR

### Pneumatic control



CODE	PRICE
2258-4	

### Hand-pressure control

CODE	PRICE
2258-3	



Actuation controls are used to activate rapid flow valves. They can be automatic electric, mechanical, or manual.

## 2-way internal valve G 1/2



CODE	PRICE
2257-4	

## Handwheel control



CODE	PRICE
2258-5	

## Closed valve 1"

CODE	PRICE
2257	



## Safety valve and vent-hole

CODE	PRICE
2257-3	



## Sealing Flexible hose L400



CODE	DESCRIPTION	PRICE
2256	Delivery hose 1/2 RK 2SC W25.4FSVxW25.4FSV L = 530	
2256-1	Servocontrol hose 1 / 4RK 2SC G1 / 4FSVxG1 / 4FSV L = 500	
2256-2	Delivery hose 1/2 RK 2SC W25.4 FSVxG1 / 4FSP L = 430	
2256-3	Delivery hose 1/2 RK 2SC W25.4 FSVxW25.4FSV L = 430	
2256-4	Servocontrol hose 1/4RK 2SC G1/4FSVxG1/4FSV L=800	



Speakers of the CO2 gas diffusers

CODE	DESCRIPTION	PRICE
2259	Cone Co2 Ral3000 fitting G1 / 2F for permanent systems	
2259-1	Cone Co2 Ral3000 with G1 / 2F flange for permanent systems	
2259-2	Minicone Co2 Ral3000 fitting G3 / 8M for permanent systems	



Cylinder Scales



CODE

2184-1

PRICE

Triggered by the pressure of the CO2. Equipped with NO and NC contacts, at 10 A.

Pneumatic siren.



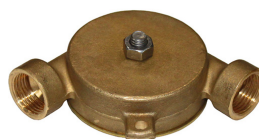
CODE

2260

PRICE

A very small amount of gas on the discharge pipe activates a powerful sound.

Tail block on bearings



CODE

2260-1

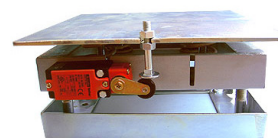
PRICE

Cylinder Scales

CODE

2184

PRICE



CODE	DESCRIPTION	PRICE
0096	Tulip cap for handwheel valves, or VT.	
1903-1	Ring nut + aluminum cap.	
18493	In iron for handwheel valves	



Empty CO2 cylinders



CODE	Ø mm	H mm	Volume (L)	PRICE
18299	232	1180	40	
18330	204	645	15	
18332	232	850	28.6	
18333	267	1470	68	

Co2 systems with air expansion thermostats

This system allows you to install a fully automatic system and does not need any power source or batteries.

Operation is based on the physical principle that air expands while heating up expands. The air expansion thermostat is a small tank built that consist of two copper cups sealed with a small capillary tube diam 3x2 and a threaded terminal. Installed on the ceiling, in case of fire the air, normally at atmospheric pressure, heats up and increases the pressure which, through a 3x2 copper capillary tube, is conveyed to the pneumatic control, which is able to turn the pressure into mechanical drive and activates the pilot Co2 cylinder. The cylinders are then connected in battery with the same gas pressure and are all activated and discharged in the space where the fire is.



CODE

2260-4

PRICE

Saddle and Collar two places for Cylinders



CODE

2260-2

PRICE

Fixing rack for 1 Cylinder



Useful for fixing a single cylinder on the wall.

CODE

2260-3

PRICE

Flaring tool



CODE

2260-7

PRICE

It is used to create the internal conical flaring of the 3x2 capillary copper tube to have a perfect joint and seal with the fittings 3x2 thread M 6x0.75.

# Introduction to sprinkler systems

## Features of Sprinkler heads

What are the characteristics of a sprinkler?

### Installation orientation

- Upright, with deflector facing upwards.
- Pendent, with deflector facing downwards.
- Orizontal Sidewall, with horizontal deflector.
- Vertical Sidewall, with vertical deflector but horizontal jet.
- Concealed, completely embedded in the ceiling.
- Recessed, partially embedded in the ceiling.

### Form and direction of the jet in the discharge phase

- Spray paraboloidal jet > 80% directly downward <20% upwards.
- Conventional paraboloidal jet >40% upward <60% directly downward.
- Flat paraboloidal jet - the amount directly discharged downwards is between 60-80%.
  - Sidewall, semiparaboloidal shape discharged downwards and the wall behind.

Thermal sensitivity

The response time of the heating element is measured in RTI (response time index)

- STANDARD RESPONSE RTI > 80.
- FAST RESPONSE RTI < 50.

Glass bulb sprinkler		Fuse sprinkler	
Storage Nominal operating temperature ° C	Bulb liquid color	Nominal operating tempera- ture °C nominal ° C	Arms color
57	Orange	From 57 to 55	No color
68	Red	From 80 to 107	White
79	Yellow	From 121 to 149	Blue
93	Green	From 163 to 191	Red
100	Green	From 204 to 246	Green
121	Blue	From 260 to 302	Orange
141		From 320 to 343	Black
163			
182	Mallow	Activation temperature How do you choose it? - 30° more than the maximum ambient temperature - depending on the heat generated by the fire - depending on the conformation of the structure	
204			
227	Black		
260			
286			
343			

## SPRINKLER PENDENT 1/2 "SP K factor 80 - 2011/305 / EU (CPR)

UNI EN 12259-1 with paraboloidal water distribution, suitable for giving the expected delivery when the jet is directed downwards against the deflector washer. The "SU" sprinkler code and the operating temperature of the glass bulb (with clip) are indicated on the deflecting washer.

### Sprinkler Pendent Standard Response

Standard specifications fitting: 1/2 "  
Version: Pendent Response:G5  
Factor K: 80 UNI EN 12259-1  
Finishing: Brass  
Homologation: 2011/305 / EU (CPR)



CODE	TEMPERATURE	PRICE
2196	57°C = 135°F	
2196-1	68°C = 155°F	
2196-2	79 ° C = 175 ° F	
2196-3	93 ° C = 200 ° F	
2196-4	141 ° C = 286 ° F	
2196-5	182 ° C = 360 ° F	

### Sprinkler Pendent Quick Response

Standard specifications fitting: 1/2 "  
Version: Pendent Response: F3  
Factor K: 80 UNI EN 12259-1  
Finishing: Brass  
Homologation: 2011/305 / EU (CPR)



CODE	TEMPERATURE	PRICE
2197	57°C = 135°F	
2197-1	68°C = 155°F	
2197-2	79 ° C = 175 ° F	
2197-3	93 ° C = 200 ° F	
2197-4	141 ° C = 286 ° F	

## Frontal sidewall sprinkler

Frontal sidewall sprinkler with wall water distribution system. Side jet.  
Used to protect middle shelves or near walls.

Standard specifications  
Factor K: 80  
fitting: 1/2 "  
Finishing: Brass



CODE	TEMPERATURE	PRICE
2202	57°C = 135°F	
2202-1	68°C = 155°F	
2202-2	79 ° C = 175 ° F	
2202-3	93 ° C = 200 ° F	
2202-4	141 ° C = 286 ° F	
2202-5	182 ° C = 360 ° F	

## Sprinkler Pendent Standard Response

### SPRINKLER PENDENT 3/4 "SP K factor 115 - 2011/305 / EU (CPR) -

UNI EN 12259-1 with paraboloidal water distribution, suitable for giving the expected delivery when the jet is directed downwards against the deflector washer. The "SP" sprinkler code and the operating temperature of the glass bulb (without clip) are indicated on the deflecting washer.

Standard specifications Response 3/4"  
Version: Pendent Response:G5  
Factor K: 115 UNI EN 12259-1  
Finishing: Brass  
Homologation: 2011/305 / EU (CPR)



CODE	TEMPERATURE	PRICE
2198	57°C = 135°F	
2198-1	68°C = 155°F	
2198-2	79 ° C = 175 ° F	
2198-3	93 ° C = 200 ° F	
2198-4	141 ° C = 286 ° F	
2198-5	182 ° C = 360 ° F	



**SPRINKLER UPRIGHT 1/2" SU K factor 80 - 2011/305/UE (CPR)**

UNI EN 12259-1 with paraboloidal water distribution, suitable for giving the expected delivery when the jet is directed upwards against the deflector washer. The "SU" sprinkler code and the operating temperature of the glass bulb are indicated on the deflecting washer.

**Sprinkler Upright Standard Response**

Standard specifications

fitting: 1/2 "

Version: Upright

Response:G5

Factor K: 80

Finishing: Brass

Homologation: 2011/305 / EU (CPR) - UNI EN 12259-1



CODE	TEMPERATURE	PRICE
2199	57°C = 135°F	
2199-1	68°C = 155°F	
2199-2	79 ° C = 175 ° F	
2199-3	93 ° C = 200 ° F	
2199-4	141 ° C = 286 ° F	
2199-5	182 ° C = 360 ° F	

**Sprinkler Upright Quick Response**
**SPRINKLER UPRIGHT 1/2" SU K factor 80 - 2011/305/UE (CPR)**

Standard specifications

fitting: 1/2 "

Version: Upright

Response: F3

Factor K: 80

Finishing: Brass

Homologation: 2011/305 / EU (CPR) - UNI EN 12259-1



CODE	TEMPERATURE	PRICE
2200	57°C = 135°F	
2200-1	68°C = 155°F	
2200-2	79 ° C = 175 ° F	
2200-3	93 ° C = 200 ° F	
2200-4	141 ° C = 286 ° F	
2200-5	182 ° C = 360 ° F	

**Sprinkler Upright Standard Response**
**SPRINKLER UPRIGHT 3/4 "SU k factor 115 - 2011/305 / EU (CPR)**

UNI EN 12259-1 with paraboloidal water distribution, suitable for giving the expected delivery when the jet is directed upwards against the deflector washer. The "SU" sprinkler code and the operating temperature of the glass bulb are indicated on the deflecting washer.

Standard specifications

Response 3/4"

Version: Upright

Response:G5

Factor K: 115

Finishing: Brass

Homologation: 2011/305 / EU (CPR) - UNI EN 12259-1

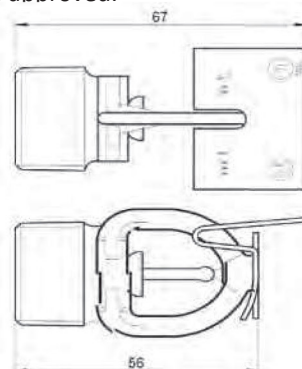


CODE	TEMPERATURE	PRICE
2201	57°C = 135°F	
2201-1	68°C = 155°F	
2201-2	79 ° C = 175 ° F	
2201-3	93 ° C = 200 ° F	
2201-4	141 ° C = 286 ° F	
2201-5	182 ° C = 360 ° F	

**SPRINKLER ORIZZONTAL SIDEWALL EXTENDED 1/2 "**

Sprinkler Horizontal Sidewall Extended Coverage, with 3 mm bulb and 15 mm orifice. LPC / Vds approved. Chrome or White RAL 9010 finishing.

CODE	VERSION	FINISHING	K FACTOR	FITTING	TEMPERATURE	PRICE
2226	Orizzontale	Chrome	80	1/2"	57°C = 135°F	
2226-1	Orizzontale	Chrome	80	1/2"	68°C = 155°F	
2226-2	Orizzontale	Chrome	80	1/2"	79 ° C=175 ° F	
2226-3	Orizzontale	Chrome	80	1/2"	93 ° C = 200 ° F	
2226-4	Orizzontale	White	80	1/2"	57°C = 135°F	
2226-5	Orizzontale	White	80	1/2"	68°C = 155°F	
2226-6	Orizzontale	White	80	1/2"	79 ° C=175 ° F	
2226-7	Orizzontale	White	80	1/2"	93 ° C = 200 ° F	



## SPRINKLER CONCEALED (HIDDEN) 1/2 "

SPRINKLER Concealed, with a quick response 3 mm bulb.

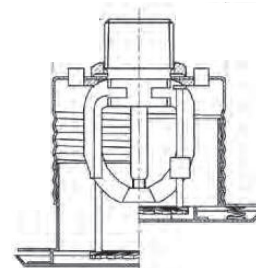
UL approved. Chrome or White RAL 9010 finishing.

Plate activation temperatures:

- for bulb 68 °

- for bulb 93 °

CODE	FINISHING	K FACTOR	FITTING	TEMPERATURE	PRICE
2227	Chrome	80	1/2"	68°C = 155°F	
2227-1	Chrome	80	1/2"	79 °C=175 °F	
2227-2	White	80	1/2"	68°C = 155°F	
2227-3	White	80	1/2"	79 °C=175 °F	



## SPRINKLER ESFR K14 3/4 "

SPRINKLER Concealed, with a quick response 3 mm bulb. UL approved.

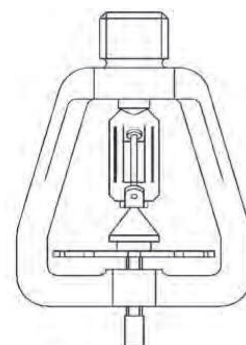
Chrome or White RAL 9010 finishing.

Plate activation temperatures:

- for bulb 68 °

- for bulb 93 °

CODE	VERSION	K FACTOR	FITTING	TEMPERATURE	PRICE
2228	Orizontal	14	3/4"	68°C = 155°F	
2228-1	Orizontal	14	3/4"	93 ° C = 200 ° F	



## WATER BLADE NOZZLES

Water blade nozzles create a horizontal or vertical jet like a fire wall. The flow varies according to the outlet hole.



CODE	K-Factor	FITTINGS	ORIENTATION	PRICE
2203	20	1/2"	150	
2203-1	40	3/4"	150	
2203-2	110	1"	150	

## SPRAY NOZZLES

The spray nozzles create a jet of fractional or nebulized water. They are used in deluge systems to protect from serious risks. They are built with different diameters, flow rates and jet angles. These nozzles are equipped with an internal swirl capable of providing a rotational component to the fluid vein during the process.

CODE	K-Factor	FITTINGS	ORIENTATION	PRICE
2204	9	1/2"	60°	
2204-1	18	3/4"	60°	
2204-2	45	1"	60°	
2204-3	9	1/2"	90°	
2204-4	18	3/4"	90°	
2204-5	45	1"	90°	
2204-6	9	1/2"	± 120°	
2204-7	18	3/4"	± 120°	
2204-8	45	1"	± 120°	

This type of nozzles produce a full cone spray with a uniform distribution. The flow varies according to the outlet hole. Ask for technical bulletins.



**Sprinkler rosettes**

5x65mm semi-flat one-piece rosette. Available in chrome or white RAL 9010 finish.

Two-piece rosette 20 mm adjustment x 73 mm Available in chrome or white RAL 9010 finish



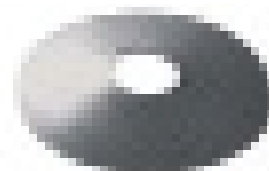
CODE	No. of pieces	FITTING	FINISHING	PRICE
2205	1	1/2"	Chrome	
2205-1	1	1/2"	White	
2205-2	1	3/4"	Chrome	
2205-3	1	3/4"	White	
2205-4	2	1/2"	Chrome	
2205-5	2	1/2"	White	
2205-6	2	3/4"	Chrome	
2205-7	2	3/4"	White	

**Protection cage**  
**Protection cla**


CODE	FITTING	DESCRIPTION	PRICE
2206	1/2"	Small	
2206-1	1-2-3-4	Large	
2206-2	1/2" - 3/4"	Upright	

**Anti-wet panel**

Anti-wet panel  
 Ø est. 77.2 mm



CODE	FITTING	PRICE
2207	1/2"	
2207-1	3/4"	

**Retard chamber**

CODE	PRICE
2230	

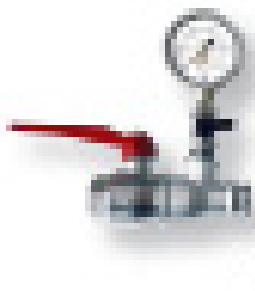


Gas threaded fittings  
 pressure gauge 0-25

**Hydraulic Alarm Bell**


CODE	PRICE
2230-1	

Equipped with a ball valve that allows the system inspection

**Plant Test and Drainage Device**


CODE	PRICE
2230-2	

**Sprinkler test system**


CODE	PRICE
2230-3	

**Sprinkler cabinet in red painted sheet metal**


CODE	SPECIFICATIONS	PRICE
9258	12 Spots Dim. 230x140x140H	
9248	24 Spots Dim. 400x140x140H	

**Sprinkler Tightening Wrench (GC091)**

Sprinkler tightening wrench for 1/2 "and 3/4" fitting



CODE	PRICE
2208	



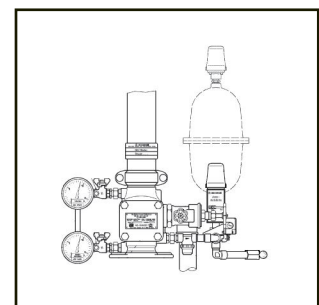
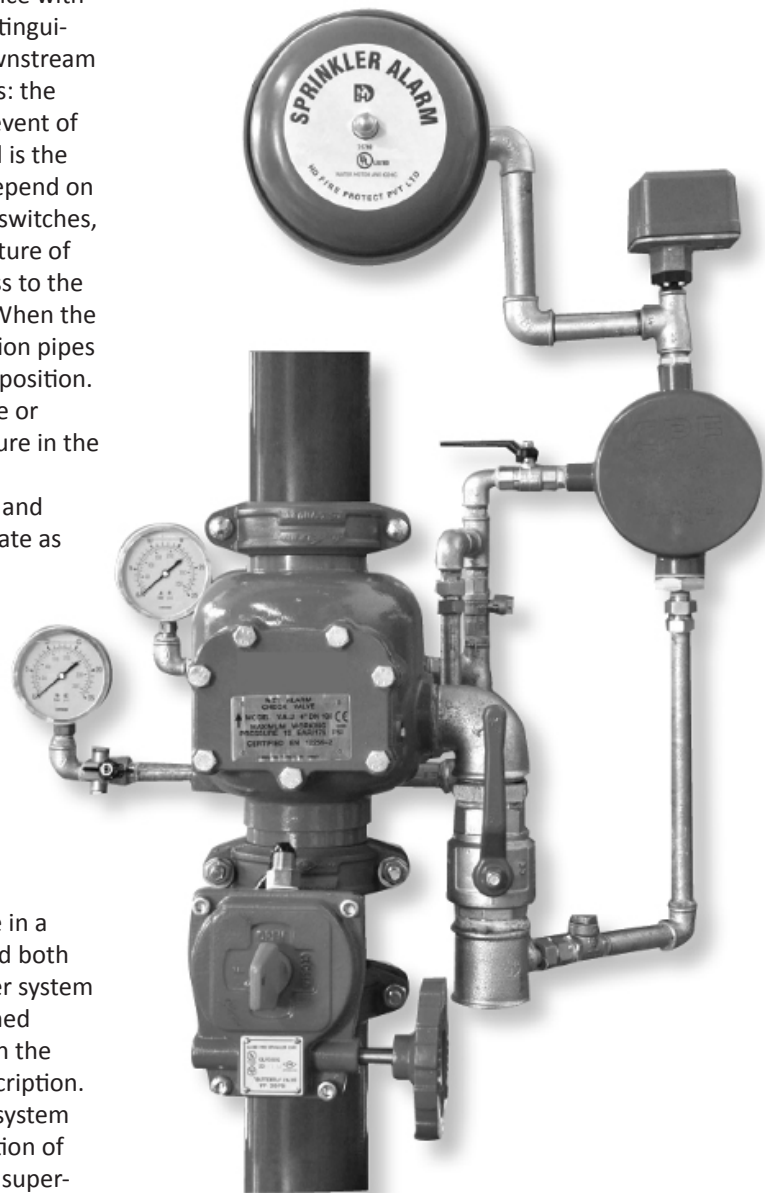
## WET SYSTEM

We are pleased to introduce on the European market the first alarm valve complete with trim entirely produced in Italy, having obtained the CE 1922 certification in accordance with the UNI EN 12259-2. The wet valves CE 1922 certified in accordance with the UNI EN 12259-2 standard are used in extinguishing systems with water upstream and downstream of the station. They have two main purposes: the first is to allow the passage of water in the event of one or more sprinklers breaking, the second is the activation of a sound alarm that does not depend on electrical sources. With the use of pressure switches, additional alarm systems can be used. A feature of wet valves is the extreme simplicity of access to the clapper for inspection and commissioning. When the system is inactive, the water in the distribution pipes keeps the plate of the alarm valve in closed position. As a consequence of water spillage from one or more sprinklers there is a decrease of pressure in the pipes. Therefore, the feedwater pressure becomes prevalent and determines the automatic opening of the plate as much as necessary, in order to feed the nozzles. 11.

When the fluid flows, the valve signals the opening of the sprinklers, operating a hydraulic alarm bell.

The retard chamber eliminates the possibility of false alarms due to normal pressure variations in hydraulic systems. The purpose is to protect the building, people and what is inside from fire. It can cover up to 12,000 square meters of surface in a single fire compartment and can be powered both by a water pumping system and by the water system of the aqueduct. The system must be designed by qualified technicians in collaboration with the competent authorities for a correct risk description. In order to allow technicians to inspect the system once assembled, and to obtain the certification of verification and inspection of the system by supervisors, we decided to offer a trim set-up / wet valve with variable pressure, test valves and valves that silence the alarm.

ALARM SILENCE



Illustrative photo

## DRY SYSTEM

The dry system is installed in all areas subject to the risk of frost or areas such as loading platforms or non-heated parking areas.

The operating principle is similar to that of wet systems, with the difference that downstream of the alarm valve, in the distribution system located in the protected area, the pipes are not filled with water but with compressed air or nitrogen.

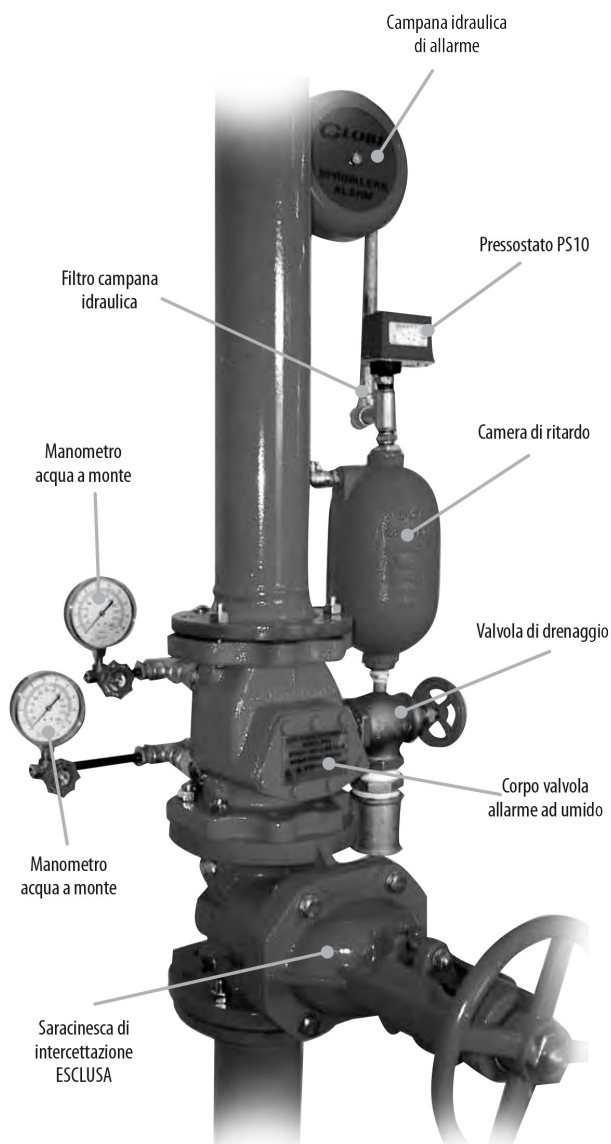
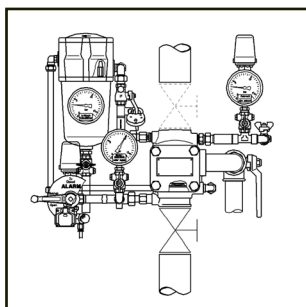
The discharge of a sprinkler generates a pressure drop which activates the opening of the alarm valve thus allowing water to reach the dispenser and act on the fire.

All components are built to allow a quick opening ensuring effective action on the fire since

the first moments; components like the accelerator guarantee even better results in operation times. Although more complicated than wet systems, construction quality guarantees constant performances over the years without any expensive maintenance.

### System Configuration:

- Dry alarm valve.
- Complete test and alarm trim with accessories and pressure gauges.
- Accelerator with Trim.
- Pressure maintenance set.
- Water pressure warning switch.
- Air pressure warning switch.
- Alarm hydraulic bell.
- Pre-assembling of units in the workshop included



Illustrative photo

## DELUGE SYSTEM

The deluge system is designed for safe and fast intervention in order to provide a total soaking of protected areas.

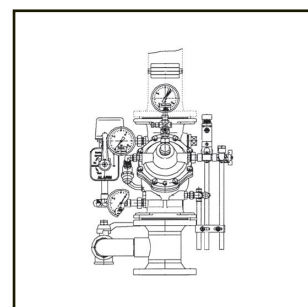
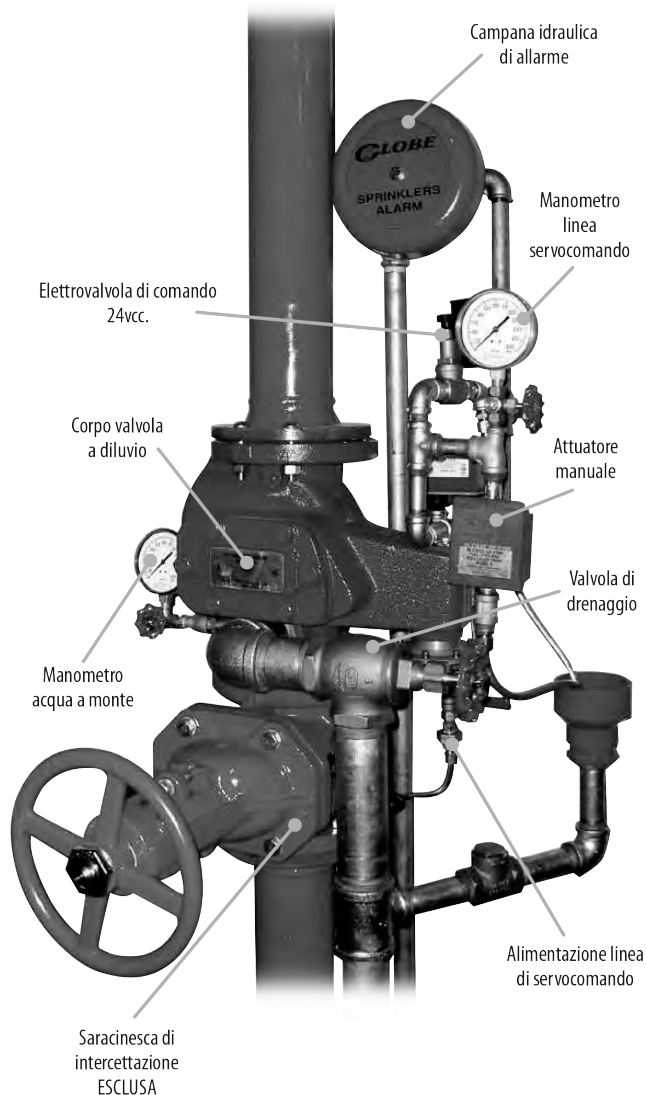
The deluge system is normally used both for flood systems to protect areas such as airport hangars, and for systems to protect localized areas and surfaces such as cooling tanks and water blades.

The deluge system is also compatible for use in low, medium and high expansion foam systems.

The wide range of activation systems ranging from manual, to electrical combined with pulsants or smoke detectors, to pneumatic through wet or dry pilot lines run by manual systems make is ideal for any type of installation.

### System Configuration:

- Deluge alarm valve.
- Basic trim.
- Electrical activation trim 24 Vcc.
- Manual emergency activation.
- Hydraulic Alarm Bell
- Water pressure warning switch PS 10-1.



Illustrative photo



## PRE-ACTION SYSTEM

The preaction system is specifically designed for applications where it is crucial to avoid an accidental operation of the system or to replace extensive dry sprinklers to speed up their operation.

The perfect application of preaction systems is in data processing centers (DPC), control rooms, libraries, archives of precious documents and cold storage.

In some cases, preaction systems combined with carbon dioxide extinguishing systems in subfloors can replace the traditional gas shut-off systems.

Systems that use a single interlock require a detection system before water arrives at the distribution pipes and sprinklers.

This system protects against soakings due to accidental breakage.

The passage of water into the protected area is allowed only with the alarm of the detection system. In dual interlock systems, before water enters the distribution system, the detection consent is

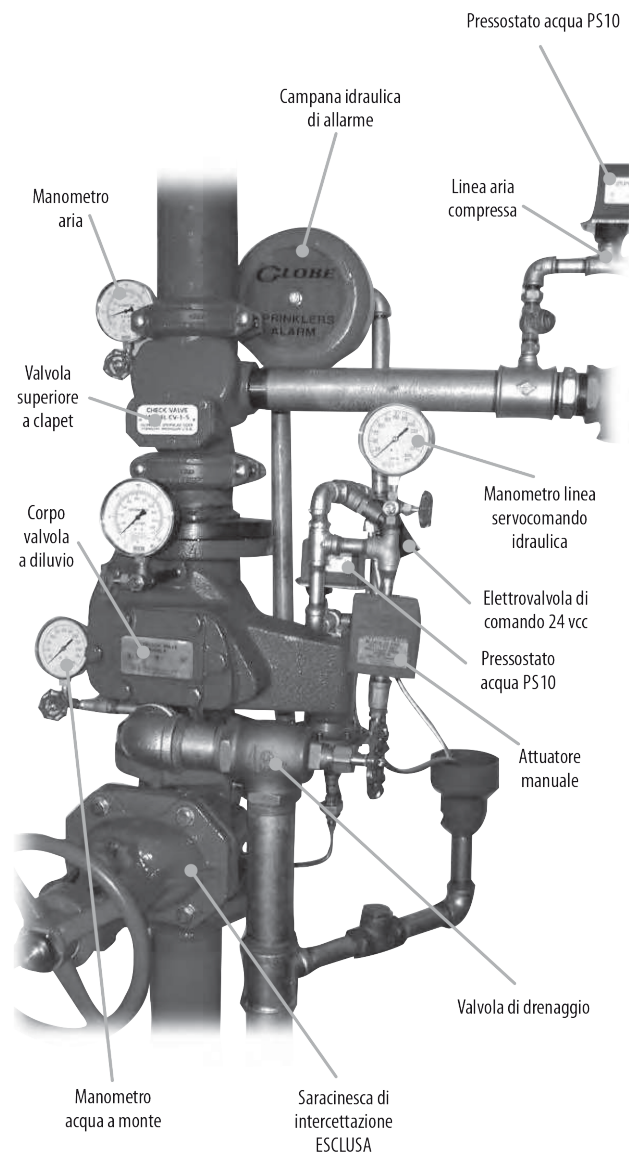
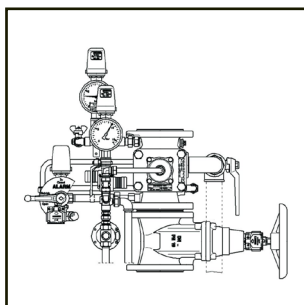
necessary as well as the sprinkler discharge.

This last protection guarantees even more protection from damage due to accidental discharges.

Accidental

### System Configuration:

- Preaction alarm valve.
- Complete test and alarm trim with accessories and pressure gauges.
- Pressure maintenance set.
- Water pressure warning switch.
- Air pressure warning switch.
- Alarm hydraulic bell.



Illustrative photo

## FOAMING AGENTS APPROVED IN ACCORDANCE WITH UNI EN 1568: 2008 - PART. 1, 2, 3, 4 - NOTES ON LEGISLATION

Fire-fighting foaming agents fall into two main categories:

### - PROTEINICS AND PROTEIN FLUOROUS DERIVATIVES - SYNTHETICS AND PROTEIN FLUOR DERIVATIVES

These are divided into categories summarised as follows:

The standard is divided into four chapters:

**UNI EN 1568-1:** specifications for medium-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

**UNI EN 1568-2:** specifications for high-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

**UNI EN 1568-3:** specifications for low-expansion concentrated foaming agents for applying to the surface of liquids that are immiscible with water.

**UNI EN 1568-4:** specification for low-expansion concentrated foaming agents for applying to the surface of liquids that are miscible with water.

#### CHAPTER 1

Refers to medium-expansion foaming agents for hydrocarbons (e.g. Synthetic HIEG used with medium-expansion generators, that is, with a ratio of <1:20-200). The fire test, conducted on heptane, requires that the foaming agent has the following performances:

The **EXTINCTION**: within 120 seconds. **RESISTANCE TO RE-IGNITION 1%:** not less than 30 seconds.

#### CHAPTER 2

Refers to high-expansion foaming agents for hydrocarbons (e.g. Synthetic HIEG used with high-expansion generators, that is, with a ratio of > 1:200). The fire test, carried out on eptane, provides that the foaming agent has the following performances:

**EXTINCTION:** within 150 seconds.

#### CHAPTER 3

Refers to low-expansion foaming agents (e.g. AFFF or AR-AFFF used with nozzles for low expansion i.e. with a ratio of <1:20) used on hydrocarbons. This is the most complex section of the legislation. The test fire, conducted on heptane, classifies the

Exinction class of settlement	Level of resistance to re-ignition	Indirect jet application		Direct jet application	
		Exinction not exceeding minutes	Re-ignition not exceeding minutes	Exinction not exceeding minutes	Re-ignition not exceeding minutes
I	A	Not applicable		3	10
	B		15	3	Not applicable
	C		10	3	
	D		5	3	
II	A	Not applicable		4	10
	B		15	4	Not applicable
	C		10	4	
	D		5	4	

#### CHAPTER 4

Refers to low-expansion foam (e.g. AFFF or AR-AFFF used with nozzles for low expansion i.e. with a ratio of <1:20) used on polar solvents. The fire test, **carried out only on acetone in the 2000 version of the legislation, now also includes the fire test on isobutyl alcohol.**

Exinction class of settlement	Level of resistance to re-ignition When starting again	Exinction not exceeding minutes	Re-ignition not exceeding minutes Exinction not exceeding minutes
I	A	3	15
	B	3	10
	C	3	5



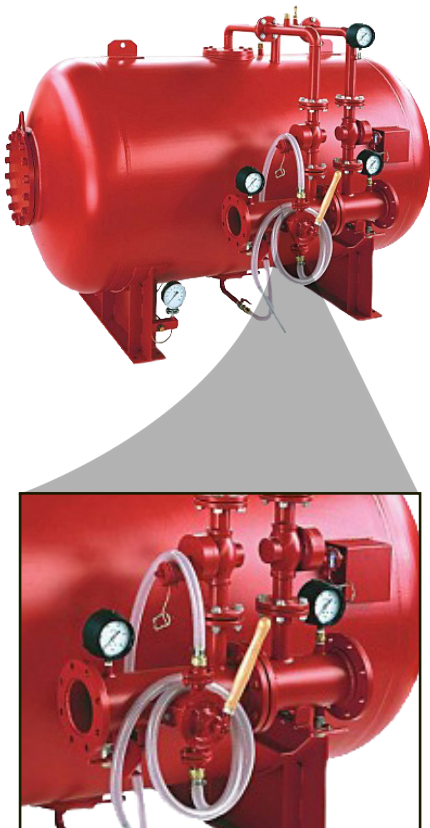
VERTICAL PRE-MIXER WITH INTERNAL LIQUID DISPLACEMENT

Code	Dimensions			Va- cuum weight vacuum	Capacity	Price
	A	D	E			
2818	500	291	450	226	100	
2818-1	500	291	450	267	200	

It works as a pre-mixing system

MIXER

Mixer Ø	Maximum flow rate L / 1	D. nozzle h20 mm	Delta P
3'	2000	Ø 55	0.93 BAR
4'	3200	Ø 71	0.94 BAR
6'	8500	Ø 111	0.97 BAR



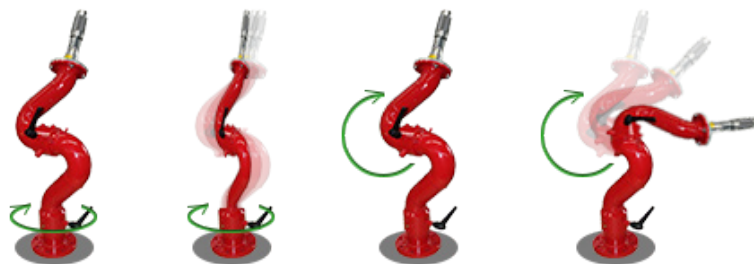
HORIZONTAL PRE-MIXER WITH INTERNAL LIQUID DISPLACEMENT  
WITH INTERNAL LIQUID DISPLACEMENT

Code	Dimensions			Va- cuum weight vacuum	Capacity	Price
	A	D	E			
2819	800	624	650	413	500	
2819-1	800	624	650	440	600	
2819-2	800	624	650	497	800	
2819-3	1000	790	750	519	1000	
2819-4	1000	790	750	625	1500	
2819-5	1100	864	800	845	2000	
2819-6	1170	914	800	915	2500	
2819-7	1270	984	860	1137	3000	
2819-8	1360	1048	900	1234	3500	
2819-9	1450	1112	950	1307	4000	
2819-10	1450	1112	950	1396	4500	
2819-11	1600	1245	1050	1455	5000	
2819-12	1600	1245	1050	1539	5500	
2819-13	1750	1351	1150	1589	6,000	
2819-14	1750	1351	1150	1642	6500	
2819-15	1750	1351	1150	1741	7000	
2819-16	1750	1351	1150	1824	7500	
2819-17	1960	1534	1200	2124	8000	



## FOAM FIRE-FIGHTING SYSTEM

MONITORS  
ADJUSTABLE MONI-  
TORS



Code	Flange diameter Inlet	Body	Flow Rate long	Body material	A quota dim.	Wei- ght kg	Price
2823	3 "/ 4"	3"	3200	Carbon steel carbon.	465 mm	30	

WATER NOZZLE FOR MONITORS



Code	A	B	C	Flow rate from 5 to 8 BAR	Price
2824	1000	166	3"	800-1200	
2824-1	1000	166	3"	1200-1500	
2824-2	1000	166	3"	1500-2000	
2824-3	1000	166	3"	2000-2300	
2824-4	1000	166	3"	2400-3500	

FOAM NOZZLE FOR MONITORS

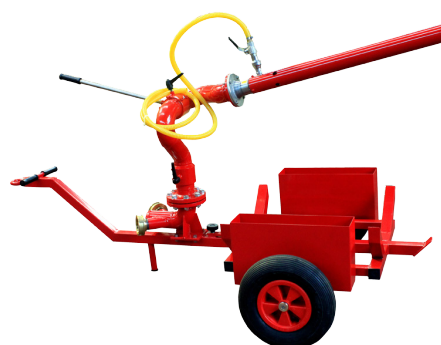


Code	Weight: kg	Flow Rate	Material	Price
2825	5	1500-2000	AISI 304	

FOAM MOBILE MONITORS



FOAM MOBILE MONITORS



Built according to customer specifications, with stainless steel tank for foaming agent, can be trailed by hand or with a vehicle, suitable for high-risk areas

## VENTURI-TYPE HIGH PRESSURE GENERATOR

For use with synthetic foaming agent for high expansion.  
At the time, the world market price was rising. Used to flood large areas such as tunnels, hangars, and parking lots in a few minutes.



Code	Flow Rate	Weight	Expansion ratio	Price
2820	200 L / min	57	1 ÷ 500	

High expansion foam generator. It is used for saturating volumes of large indoor spaces.

## MEDIUM-EXPANSION FOAM SPRAY NOZZLE YIELD 1:8

Low expansion foam spray nozzle used in non-pure water sprinkler systems



Code	K-Factor	ø gas - BSP	Weight	Price
2821-4	28	3/4"	0.5 kg	
2821-5	45	1"	0.55 kg	

## FOAM CHAMBER

The foam chamber is used in permanent systems with low expansion foam



For protecting tanks for flammable liquids

Code	Operating pressure of exercise	Flow Rate	A mm	D mm	And mm	Weight	Price
2822	5 BAR	200-450	250	425	210	19	
2822-1		200-450	250	425	210	21	
2822-2		500-1260	250	425	210	24	
2822-3		1260-2600	400	620	300	40	
2822-4		1260-2600	400	620	300	45	

POWDER SYSTEM 250 KG



## SKID-MOUNTED MODULES READY FOR INTEGRATION INSTALLATION

Dry powder extinguishing systems use sodium bicarbonate as the main extinguishing agent and are intended for the industrial sector, in particular the processing of petrochemical derivatives.

In fact, their technical characteristics make them suitable for extinguishing Class C fires; the systems are designed and manufactured according to customer specifications and dimensions vary depending on the amount of extinguishing agent to be stored.

designed and manufactured according to the specifications requested by the customer and the size varies depending on the amount of extinguishing agent to be stored.

The system is activated with high pressure cylinders, loaded with nitrogen, remotely controlled with electric or pneumatic activators, as well as with a manual and local control system.

The tank is gradually pressurised with nitrogen

Code	Capacity	Price
2826	100 kg	
2826-1	250 kg	
2826-2	500 Kg	

POWDER SYSTEM 500 KG



## FIXED ELECTRICALLY CONTROLLED POWDER SKID

### Powder tank characteristics

Capacity	250 kg
Material	P 355
Operating pressure	14 bar
Safety valve	ISPESL
Tank Painting tank	Tank externally N.1 inorganic zinc based coating 60 microns N.1 final coat epoxyvinyl 75 micron

## PRESSURISATION AND CONTROL UNIT

### Components

1 nitrogen cylinder 50 LTS - BAR 200 each with:	
1 electric valve with solenoid IP55 solenoid IP55	1 ring and cap propeller nut
1 Gooseneck	1 Check valve
1 Pressure reductor	
1 Electro / manual diffuser powder discharge valve powder delivery	
*System supplied pre-assembled on a painted iron base painted iron bearings	

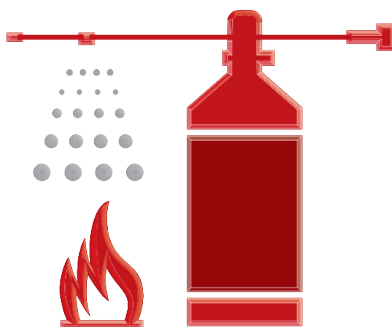


## DIRECT DISCHARGE SYSTEM LOW PRESSURE



This is the simplest system, designed to guarantee the safety in a indoor area with limited dimensions. The flame generated by a possible failure burns the pressure pipe connected to the cylinder causing it to break. The characteristics of the pipe are such that the break has dimensional characteristics similar to those of a nozzle, and from this break the extinguishing agent contained in the cylinder and in the pipe escapes in a very short time and extinguishes the flame, limiting the damage only to the source of fire ignition. The system therefore guarantees an excellent protection of the equipment located in the adjacent space, since at the time of pipe breaking, the extinguishing agent will be conveyed directly onto the flame, optimizing the extinguishing action of the fire.

LOW PRESSURE SYSTEM



LOW PRESSURE SYSTEM  
WITH PRESSURE SWITCH



GAS HFC 227EA			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2827	1.15	1 kg	
2827-1 *		1 kg	
2827-2	2.30	€2 / kg	
2827-3 *		€2 / kg	
2827-10	4.60	4 kg	
2827-11 *		4 kg	
2827-4	6.90	6kg	
2827-5 *		6kg	
2827-6	10.35	9 kg	
2827-7 *		9 kg	

NOVEC 1230			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2842	1.70	1 kg	
2842-1 *		1 kg	
2842-2	3.40	€2 / kg	
2842-3 *		€2 / kg	
2842-4	6.80	6kg	
2842-5 *		6kg	
2842-6	10 ≤ x ≤ 20	9 kg	
2842-7 *		9 kg	
2842-8	15.30	12 kg	
2842-9 *		12 kg	

The system is supplied without installation and commissioning kit.

\* Valve with integrated pressure switch



## DIRECT DISCHARGE SYSTEM CO<sup>2</sup> - HIGH PRESSURE

HIGH PRESSURE SYSTEM



The system is supplied without installation and commissioning kit.

CARBON DIOXIDE			
Code	Maximum protected volume [M <sup>3</sup> ]	Load	Price
2830)	1.2/1.7 * *	€2 / kg	
2830-1 *	1.2/1.7 * *	€2 / kg	
2830-4	3.3/4.3 **	5 kg	

### INSTALLATION KIT FOR DIRECT DISCHARGE SYSTEMS

Code	(1-2 Kg. Powder / HFC 227ea - 2 Kg Co2)	Price
2837		

COMPONENTS	QUANTITY
Heat-sensitive adhesive tube clamp	20
Heat-sensitive hose - Ø 6	5
End line cap Ø 6	1

Code	(6-9-12 Kg. Powder / HFC 227ea - 5 Kg Co2)	Price
2837-1		

COMPONENTS	QUANTITY
Heat-sensitive adhesive tube clamp	40
Heat-sensitive hose - Ø 6	10
End line cap Ø 6	1

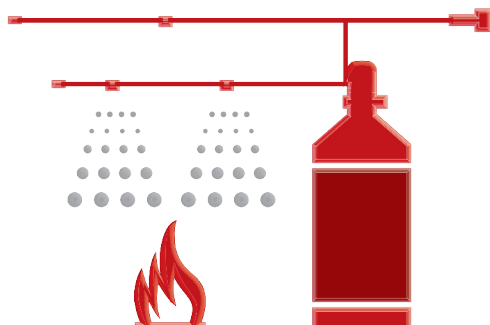
Code	(6-9-12 Kg. Powder / HFC 227ea - 5 Kg Co2 with end-of-line pressure reading)	Price
2837-3		

COMPONENTS	QUANTITY
Heat-sensitive adhesive tube clamp	20
Heat-sensitive hose - Ø 6	5
Pass-through wall fitting with Ø 6 pressure	1

COMPONENTS	QUANTITY
Heat-sensitive adhesive tube clamp	40
Heat-sensitive hose - Ø 6	5
Pass-through wall fitting with Ø 6 pressure	1

## INDIRECT DISCHARGE SYSTEM CO<sup>2</sup> - HIGH PRESSURE

HIGH PRESSURE SYSTEM



CARBON DIOXIDE - CO <sub>2</sub>			
Code	Maximum protected volume [M <sup>3</sup> ]	Load	Price
2834	1.2/1.7 *	2 Kg	
2834-2	3.3/4.3 *	5 Kg	
2834-3	5.6/7.8 *	9 Kg.	
2834-4	11.2/15.6 *	18 kg	
2834-5	16.2/22.6 *	26 [kg]	
2834-6	27.4/38.4 *	44 Kg	

## INDIRECT DISCHARGE SYSTEM - LOW PRESSURE



It is a very effective automatic extinguishing system. The flame burns the under pressure FALCON TUBE connected to the cylinder, causing it to break and consequently the loss of pressure of the gas inside the pipe, which will activate the opening of the valve. The extinguishing agent contained in the cylinder can then pass through a steel pipe and will convey on the flame through nozzles, extinguishing the fire. The system therefore guarantees a perfect protection of the equipment and the surrounding environment, preventing the extending of the fire to other areas.



LOW PRESSURE SYSTEM

The system is supplied without installation and commissioning kit.

NOVEC 1230			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2843	1.70	1 kg	
2843-1	3.40	€2 / kg	
2843-2	6.80	4 kg	
2843-3	$10 \leq x \leq 20$	6kg	
2843-4	15.30	9 kg	

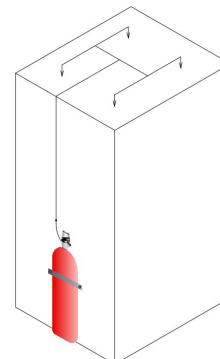
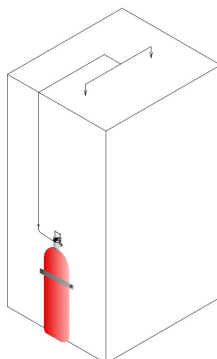
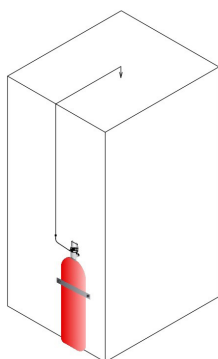
GAS HFC 227EA			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2831	1.15	1 kg	
2831-1	2.30	€2 / kg	
2831-5	4.60	4 kg	
2831-2	6.90	6kg	
2831-3	10.35	9 kg	
2831-4	13.80	12 kg	

ABC POWDER			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2832	1.70	1 kg	
2832-1	3.40	€2 / kg	
2832-5	6.80	4 kg	
2832-2	$10 \leq x \leq 20$	6kg	
2832-3	15.30	9 kg	

POWDER D			
Code	Maximum protected volume Protected [M ^ 3]	Load	Price
2833	0.50	0.5 kg	
2833-1	0.90	0.9 kg	
2833-5	1.7	1.7 kg	
2833-2	2.5	2.5 kg	
2833-3	4	4 kg	
2833-4	4.5	4.5 kg.	

## INSTALLATION KIT FOR INDIRECT DISCHARGE SYSTEMS

Installation kit for indirect discharge systems with: Clamps for heat-sensitive pipe, discharge pipe, discharge nozzles.



Code	MODELS	Price
2837-4	6/9/12 Kg. Powder	
2837-6	1/2 Kg. gas HFC 227 ea	
2837-8	2 Kg Co2	

Code	MODELS	Price
2837-5	4/6/9/12 Kg Powder	
2837-7	HFC 227 ea 6/9/12 Kg.	

Code	MODELS	Price
2837-10	18/26 Kg Co2	



# CO<sup>2</sup> HIGH PRESSURE

## REFERENCE REGULATIONS

The system design can be performed according to various international standards with the aid of software for calculating discharge times and holes in the nozzle passage sections. The reference standards for the design of the system are:

- NFPA 12 Standard on Carbon Dioxide Extinguishing Systems
- APSAD R13 Règle d'installation - Extinction automatique à gaz
- ISO 6183 Fire protection equipment - Carbon dioxide extinguishing systems for use on premises - Design and installation
- CEA4007 CO2 systems Planning and Installation - VdS 2093en CO2 Fire Extinguishing Systems

TECHNICAL DATA	
Code	Model
Chemical name	Carbon Dioxide (CO <sub>2</sub> )
Chemical formula	Co <sub>2</sub>
Density at 0 ° C and 0.101 MPa	1.98 kg / m <sup>3</sup>
Density relative to air	1.5
Critical temperature	31°C
Vapor pressure at -18 ° C and 21 ° C	20.7 and 58.6 BAR
Cylinder capacity	67.5 liters
External cylinder diameter	267 mm
Cylinder height	1600 mm
complete Cylinder weight	130 kg
Maximum degree of admission	0.75 kg / liter
Design concentration for fires with embers formation NFPA12 (% by volume)	
Dry electric risks	50% to be kept for at least 20 minutes
Paper archives	65% to be kept for at least 20 minutes
Design concetration for liquid and gaseous fuels NFA12 (% by volume)	
Methane, diesel, petrol	34%
Ethyl alcohol	43%
Hydrogen	75%

## CERTIFICATIONS

The extinguishing systems comply with the requirements of the European Pressure Equipment Directive (PED2014 / 68 / EU). In addition to the PED, the components are also compliant with the Construction Products Directive (CPD 89/106 / CE) and the EN12094 series regulations.

### LEVEL INDICATOR FOR LIQUID GASES CO<sub>2</sub>, HFC, FM 200, NOVEC HOMOLOGATED RINA



Code2047



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5

# CABINETS AND SPILLS

## CABINETS FOR FLAMMABLE LIQUIDS

Modular safety cabinets for the storage of flammable liquids made of carbon steel sheet P02 thickness 10/10, pre-treated with phosphor degreasing in tunnel high temperatures, epoxy-polyester varnish RAL 1021 and cooking in thermal tunnel 180 °. Equipped with height-adjustable containment shelves and a watertight collection tank on the bottom with rubber seals, n. 2 lateral ventilation grids and one positioned on the roof with flame-cutting system specially designed for air recirculation or for The forced aspiration. Rounded edge, sturdy hinges in zamak thickness 6 mm, grounding cable, adjustable feet, ergonomic plastic and aluminium lock with double key complete with rod closure with anti-tamper cover. The cabinets are supplied disassembled in a sturdy custom-made packaging, placed on a single pallet. The assembly is quick and easy, with manual instructions contained in each kit. Built as a rule of art in response to current regulations regarding environmental protection and pollution prevention. Safety labelling as provisions of the current legislation.

Dim. mm 1075X500X1850H

**CUSTOMIZABLE**



2 Blind Doors  
3 Containment Shelves (7 lt)  
Bottom tank (27 LT)

CODE	PRICE
1326	€ 1.599,00



Dim. mm  
575X500X1850H

1 Blind Door  
3 Retaining Shelves (4 lt)  
Bottom tank (14 LT)

**CUSTOMIZABLE**

CODE	PRICE
1328	€ 1.334,67



**CUSTOMIZABLE**

Dim. mm  
1075x500x1100H  
2 Blind Doors  
2 Containment Shelves (7lt)  
Bottom tank (27 LT)

CODE	PRICE
1327	€ 1.252,33



Dim. mm  
575x500x1100H

1 Blind Doors  
2 Containment Shelves (4 lt)  
Bottom tank (14 LT)

**CUSTOMIZABLE**

CODE	PRICE
1329	€ 972,83



Dim. mm  
415x300x600H






1 Blind Door  
1 Containment Shelf (2.5 Lt)

Collection tank (3.6 lt)

**CUSTOMIZABLE**

CODE	PRICE
10103	€ 478,83



CABINET			SHELVES		BOTTOM TANK		WEIGHT IN KG		MOUNTED: EXTERNAL MEASUREMENTS IN CM				PACKAGING: SIZE IN CM			
DOOR	SCHEME	CODE	N	PORTATA CAD.	N	LT	NETTO	CON IMBALLO	L	P	H	M <sup>3</sup>	L	P	H	M <sup>3</sup>
2 DOORS		1326	3	lt.7 Kg. 100	I	27	90	100	107,5	50	185	0,99	186	40	70	0,52
		1327	2	lt. 7 Kg. 100	I	27	60	70	107,5	50	105	0,56	115	40	70	0,32
1 DOOR		1328	3	lt. 4 Kg. 100	I	14	60	70	57,5	50	185	0,53	186	30	70	0,39
		1329	2	lt. 4 Kg. 100	I	14	40	50	57,5	50	105	0,30	115	30	70	0,24
		10103	1	lt. 0,8 Kg.100	I	3,6	7	7,5	41,5	30	60	0,08	50	65	10	0,03

Packing, resistant, with reduced dimensions-strat on pallet to measure, for easy handling and a considerable reduction of transport costs. Each package includes a fitting accessory bag and an instruction manual.



Ergonomic handle lock in plastic and aluminium, with double key



Rounded corners and mounting screws retractable.



Reinforced hinges in Zamak.



Ventilation grid Upper removable-pre-disposition for forced suction (hole Ø 100 mm).



Adjustable feet in height.



Positionable shelf bracket.



Side ventilation grid.

## CABINETS FOR FLAMMABLE LIQUIDS

CODE	PRICE
10104	€ 9.938,49



Dim. mm  
1180x650x1985H

2 Blind Doors  
3 Containment Shelves  
Shelf Capacity: Kg. 80 CA  
Shelf capacity: Lt. 40 CA  
Tank capacity: Lt. 40 CA  
Internal Volume: Lt. 820 CA  
Weight: Kg. 490

The Cabinets code 10104 and 10105 are insulated certificates for the storage of LT. 160 about flammable liquid and solid products in accordance with en 14470-1, en 14727 fire-resistance class TYPE 90 (90 minutes). Fire Test carried out at accredited laboratories and according to En 1363-1:1999 and UNI en 1363-1:2001.

The active carbon filter in granules  
Material: PVC/stainless Steel  
N ° Filter Cartridges: 1  
Cartridge Weight: 1.75 Kg.  
Diam. Input/Output 125 mm  
Total weight Filter: Kg 3.5

CODE	PRICE
10990	€ 1.341,17



Dim. mm  
250x250x250H



CODE	PRICE
10105	€ 7.087,16

The filter code 2250 and the Aspirators code 2251 and 2252 can also be adapted to the other cabinets of the lines:  
-Chemical liquids  
-Flammable liquids  
-Phytosanitary and pesticides

Dim. mm  
680x650x1985H

1 Blind Door  
3 Containment Shelves  
Shelf Capacity: Kg. 80 CA  
Shelf Capacity: Lt. 7 AC  
Tank capacity: Lt. 20 AC  
Internal Volume: Lt. 408 CA  
Weight: Kg. 350

ATEX Vacuum Cleaner According to European directives and standards 94/9/CEE ATEX.  
En 1127-1/en 13463-1  
Material: Polypropylene  
Diam. Input/output: 125 mm  
Power: 180 W  
Noise level: 68 DB  
Weight: Kg 11

CODE		PRICE
10990-1	1-phased 220V	€ 3.579,33
10990-2	3-phased 380V	€ 3.135,16



Dim. mm  
268x350x280H

Modular safety cabinets for the storage of chemical liquids made of carbon steel sheet P02 thickness 10/10, pre-treated with phosphor degreasing in high temperature tunnels.

Painting with innovative and special thermoplastic material based on polyethylene, which allows a high thickness coating suitable for resistance to corrosive chemical agents, blue RAL5011, and firing in thermal tunnel 180 °.

Equipped with height-adjustable containment shelves and a watertight collection tank on the bottom with rubber seals, n. 2 lateral ventilation grids and one positioned on the roof with flame-cutting system specially designed for air recirculation or for The forced aspiration.

Rounded edge, sturdy hinges in zamak thickness 6 mm, grounding cable, adjustable feet, ergonomic plastic and aluminium lock with double key complete with rod closure with anti-tamper cover.

The cabinets are supplied disassembled in a sturdy custom-made packaging, placed on a single pallet. The assembly is quick and easy, with manual instructions contained in each kit.

Built as a rule of art in response to current regulations regarding environmental protection and pollution prevention. Safety labelling as provisions of the current legislation.



**CUSTOMIZABLE**

Dim. mm  
1075x500x1850H

2 Blind Doors  
3 Retaining Shelves (7 lt)  
Bottom tank (27 LT)

CODE
10106
PRICE
€ 1.776,66



Dim. mm 1075x500x1100H



**CUSTOMIZABLE**

2 Blind Doors 2 retaining shelves (7 lt)  
Bottom tank (27 LT)

CODE
10107
PRICE
€ 1.386,67

CABINET			SHELVES		BOTTOM TANK		WEIGHT IN KG		MOUNTED: EXTERNAL MEASUREMENTS IN CM				PACKAGING: SIZE IN CM			
DOORS	SCHEME	CODE	N	CAPACITY	N	LT	NET	WITH PACKAGING	L	P	H	M <sup>3</sup>	L	P	H	M <sup>3</sup>
2 DOORS		10106	3	lt.7 Kg. 100	1	27	90	100	107,5	50	185	0,99	186	40	70	0,52
		10107	2	lt. 7 Kg. 100	1	27	60	70	107,5	50	105	0,56	115	40	70	0,32



## CABINETS FOR CHEMICAL LIQUIDS: ACIDS AND BASES

Cabinets made entirely of pickled steel, thickness 10/10 with epoxy powder coating and passage in thermal tunnel at 200 ° C. Palletized plinth designed to make moving the cabinet easier. With cover front panel. Monolithic external structure completely welded. Granular active charcoal filter placed inside the easy to replace cabinet. Electronic Cunctator device for the replacement of the filter cell. Electroaspirator made of class V0 polymer, able to guarantee the highest degree of self-extinguishing. Warning signs danger presence corrosive, noxious and toxic products in conformity with Italian and European safety regulations. Door opening at 110 ° that allows the extraction of the shelf without tilting it. Concealed hinges resistant to corrosive products. Grounding clamp for any refills. Complying with standards EN 14727:2006; EN 61010-1:2010; PPP52125:2011



CODE	PRICE
10991	€ 8.797,96

Dim. mm  
1200x500x1990H

2 Blind doors  
3 containment Shelves  
Shelf load: Kg. 100 shelf Capacity: Lt. 15  
CA  
Base Tank Capacity: Lt. 44 CA  
Internal Volume: Lt. 824 CA  
Total storage: Lt. 160  
Weight: Kg. 146



CODE	PRICE
10991-1	€ 7.381,83

Dim. mm  
600x500x1990H

1 acid Storage compartment: Equipped with 2 shelves, in acid-coated steel, in a pan for the eventual containment of liquids in case of accidental breakage up to about 8 litres.

1 Storage Compartment Bases: Equipped with 2 shelves, in stainless steel, with tank for the containment of liquids in case of accidental breakage of the containers up to approx. 8.

CAD shelf Capacity: Kg 40/100  
Capacity CAD Shelf: Lt 90  
Weight: Kg 105

Modular safety cabinets for the storage of plant protection products made of carbon steel sheet P02 thickness 10/10, pre-treated with phosphor degreasing in high temperature tunnels. Epoxy-polyester varnishing in RAL6001 green colour and firing in thermal tunnel 180°. Equipped with height-adjustable containment shelves and a watertight collection tank on the bottom with rubber seals, n. 2 lateral ventilation grids and one positioned on the roof with flame-cutting system specially designed for air recirculation or for The forced aspiration. Rounded edge, sturdy hinges in zamak thickness 6 mm, grounding cable, adjustable feet, ergonomic plastic and aluminium lock with double key complete with rod closure with anti-tamper cover. The cabinets are supplied disassembled in a sturdy custom-made packaging, placed on a single pallet. The assembly is quick and easy, with manual instructions contained in each kit. Built as a rule of art in response to current regulations regarding environmental protection and pollution prevention. Safety labelling as provisions of the current legislation.



**CUSTOMIZABLE**

Dim. mm  
575x500x1850H

1 Blind Door  
3 Retaining Shelves (4 lt)  
Bottom Collection tank  
(14 LT)  
Total Storage:  
78 LT

CODE	PRICE
10093	€ 1.334,67



**CUSTOMIZABLE**

Dim. mm  
1075X500X1850H

2 Blind Doors  
3 Containment Shelves  
Bottom Collection tank (27 LT)  
Total Storage: 144 LT

CODE	PRICE
10108	€ 1.599,00



2 Blind Doors  
3 Retaining Shelves (6 Lt)  
Bottom tank (26 lt)  
Total Storage: 132 LT

Dim. mm 1000x460x1800H

CODE	PRICE
10096	€ 1.148,33

**CYLINDER BLOCK**



**CUSTOMIZABLE**

Dim. mm 1075x500x1100H

2 Blind Doors  
1 Containment Shelf (7 lt)  
Bottom tank (27 LT)  
Total Storage: 123 LT

CODE	PRICE
10094	€ 1.252,33

## CABINETS FOR PLANT PROTECTION AND PESTICIDES

### CYLINDER BLOCK



CODE
10097
PRICE
€ 806,00

2 Blind Doors  
2 Containment Shelves (6 lt)  
Bottom tank (26 lt)  
Total Storage: 111 LT

Dim. mm  
1000x460x1000H





### CUSTOMIZABLE



CODE
10095
PRICE
€ 972,83

Dim. mm  
575x500x1100H

1 Blind Door  
2 Containment Shelf (4 lt)  
Bottom tank (14 LT)  
Total Storage: 66 LT

CABINET			RIPIANI		BOTTOM TASK		WEIGHT IN KG		MOUNTED: EXTERNAL MEASUREMENTS IN CM				PACKAGING: SIZE IN CM			
DOORS	SCHEME	CODE	N	CAPACITY	N	LT	NET	WITH PACKAGING	L	P	H	M <sup>3</sup>	L	P	H	M <sup>3</sup>
2 DOORS		10108	3	lt.7 Kg. 100	1	27	90	100	107,5	50	185	0,99	186	40	70	0,52
		10094	2	lt. 7 Kg. 100	1	27	60	70	107,5	50	105	0,56	115	40	70	0,32
1 DOOR		10093	3	lt.4 Kg. 100	1	14	60	70	57,5	50	185	0,53	186	30	70	0,39
		10095	2	lt. 4 Kg. 100	1	14	40	50	57,5	50	105	0,30	115	30	70	0,24





CODE
10992
PRICE
€ 1.066,00

Made of hot-dip galvanized steel.  
Protection against unauthorized withdrawals thanks to sealable and lockable closure. It does not allow the stagnation of gas waste. With 1 hinged door  
Capacity of stored cylinders: 4x33lt or 10X11LT  
Removable internal shelf  
Size  
840x690x1500h (mm)



CODE
10992-1
PRICE
€ 3.434,16

Made of hot-dip galvanized steel.  
With 1 hinged door.  
With sealable and lockable closure that allows protection against unauthorized withdrawals.  
It does not allow the stagnation of gas waste.  
Suitable for anchoring to the ground.  
Internal subdivision in lanes with safety chains.  
Complete with ramp to facilitate storage.  
Capacity of stored cylinders: 12 from 50LT each (Ø 230 mm)  
Dimensions 1200x950x2000h (mm)



CODE
10992-2
PRICE
€ 2.119,00

Made of hot-dip galvanized steel.  
With 1 hinged door.  
With sealable and lockable closure that allows protection against unauthorized withdrawals.  
It does not allow the stagnation of gas waste.  
Suitable for anchoring to the ground.  
Complete with ramp to facilitate storage.  
Capacity of stored cylinders: 4 from 50 Lt each (diam. 230 mm)  
Dimensions 600x600x2000h

## CABINETS FOR COMPRESSED GASES FPR INTERNAL USE

Cabinets completely made of decked steel, thickness 10/10 and electro-galvanized with Antiacid epoxy powder verniciatura and passage in thermal tunnel at 200 ° C. Built with double casing composed of internal body and outer shell; Fireproof insulation made up of material with high resistance to fire completely ecological. Internal shell with panelling in material resistant to corrosive products. Heat-expanding gasket (DIN 4102) and spark-proof hinges. Internal non-forced ventilation system complete with 2 safety valves certified to automatic safe at an ambient temperature of 70 + \_10°C placed one at the top and one at the bottom to guarantee the automatic spillage of the substances. External connection of 100 mm. Predisposition for the passage of gas systems. Space for gearboxes and distribution units. Brackets for anchoring the cylinders. Metal ramp to facilitate the placement of the cylinders. possibility of inserting gas-fuge monitoring systems. Safety closure complete with handle and cylinder. Grounding to prevent electrostatic charges. Warning signs danger presence of flammable products and prohibition of smoking, as in Italian and European safety standards. Adjustable feet to allow the cabinet to be put into the bubble.



CODE	Storage: 3-4 Gas cylinders
10993	Adjustable feet: No. 6
PRICE	Weight: 460 Kg
€ 10.367,06	External dimensions: 130x600x2015 mm (LXDXH)



CODE	Storage: 2 Gas cylinders
10993-1	Adjustable feet: No. 4
PRICE	Weight: 300 Kg
€ 7.830,33	External dimensions: 700x600x2015 mm (LXDXH)

-C-DUST is an absorbent alumina-based

-Thanks to its characteristics, it can be used on solid surfaces in open or closed environments.

-Absorbs any type of hydrocarbons, paints, solvents, tar, both in liquid and oily state

-It is excellent for reclamation of soils contaminated with hazardous substances.

-Being a mineral product, it is chemically inert, non-toxic, non-harmful and does not present any kind of danger to the personnel who use it.

-C-DUST sprinkled on oil or any other liquid, absorbs it immediately avoiding that the polluting product enters the soil contaminating it.

-particularly suitable for use on paving and roads of all kinds.

-even completely saturated, C-DUST remains absolutely anti-skid, totally cancelling the slipperiness of the treated surface, for this reason is used in workshops, service stations and industrial activities

-Absorbent (even if pressed, does not release the absorbed material).

-Reutilizable up to 4-5 times on hydrocarbons.

Non-slip.

Non-toxic powder.

-Dust is not harmful.

-Non-flammable powder.

-Chemically inert powder.

-it does not produce sludge and does not solidify.

-High absorbing power.



CODE	Type	Packaging	Weight in Kg	PRICE
8541	Powder	Bag	10	€ 99,67
8541-1		Bucket	10	€ 117,00
8541-2			3	€ 43,33
8541-3	Granular	Bag	10	€ 80,17



- OKO-C The powder-binding absorbent with total saturation water-repellent.
- Powder absorber for oils and hydrocarbons, dry and in water.
- particularly suitable for use in aquatic environments contaminated by oils and hydrocarbons-thanks to its qualities it retains pollution and not water forming large lumps that, not going to the bottom but staying afloat make it easy and easier to recover.
- Excellent for environmental ecological reclamations.
- Reduces oily content in polluted water by more than 95%.
- Easy to use even in dry environments, it is used like the normal sawdust, spreading it on the spill leaving to act and then be easily collected and disposed of.
- Absorbs, depending on the product being processed, 30 to 80 kg of liquid.
- Thanks to its minimum weight and its absorbing power it contains considerably the costs of disposal.
- even if pressed, it holds the oil.
- It is a harmless product for the environment-it does not contain aggressive chemical ingredients so you can manipulate it without problem.
- Excellent floating properties in water even if saturated with oil.



CODE	WEIGHT IN KG	VOLUME IN LT	PACKAGING	TYPE	PRICE
10994	8	50	Bag	Powder	€ 49,40
10994-1	16	50		Granular	€ 82,33

WHITE SORB is a 100% recycled mineral absorbent resulting from suitably crushed, filtered and quenched building material.

As mineral material is not a flammable product (therefore in case of fire does not release harmful gases).

- it does not release the absorbed substances.
- It's biologically inert.
- it doesn't contain any harmful additives.
- it's not toxic or aggressive.

It is a universal absorbent that can absorb any kind of liquid or oily product.

It can be used in mechanical workshops, automotive industries, aeronautics, oil and chemicals, garages, petrol stations, roads, highways and transit areas in general.



CODE	WEIGHT IN KG	TYPE	PACKAGING	PRICE
10995	20	Powder	Bag	€ 39,00
10995-1	20	Granular medium		€ 39,00

-Sepiolite is a highly porous, low-weight, mineral fine powder with high absorbency characteristics ideal for all types of liquids (oil, petrol, water, etc.).

-It is an essential product for factories, workshops, road funds and work areas in general in cases where accidental spills can cause accidents, fermentations, dangers and unwanted odors.

-it is used in its natural form at 100%, without having to be mixed.

-Substance not considered hazardous in conformity with Directive 1999/45/EC, and European Directives 91/155/EEC, 93/112/EC and 2001/58/EC.

NON-FLAMMABLE

NON-EXPLOSIVE

NON-COMBUSTIBLE

NON-DEGRADABLE

Inert and non-toxic product of natural origin



CODE	WEIGHT IN KG	TYPE	PACKAGING	PRICE
8477	20	Powder	Bag	€ 24,92
8477-1	20	Granular		€ 24,92

## ABSORBENT POWDERS FOR UNIVERSAL LIQUIDS

- Multisorb is an industrial resinous, flame retardant plant absorbent for liquids and fats, with absorption capacity from 400% to 650% of its weight.
- Absorbs all types of liquid, oil, water, solvents, inks, weak acids and bases, chemicals, fats, fats, as well as mixtures and other dirt scattered incidentally on soils.
- Composed of lignin and cellulose, contains no clay or silicone.
- Recommended for use on roads and highways of the National road network.
- Destruction by incineration or transfer to the landfill following the regulations in force and on the basis of the absorbed product.

- Made of solid rose granules Ph: 6 (+/-5)
- Volumetric Mass: 140 at 160 kg/m<sup>3</sup>-Humidity: 10 to 185%
- Particle size content from 0.5 to 1.4 mm.
- Density 0.170 ± 0.03.
- Absorbs 400% to 650% of its weight.
- Chemically neutral.
- Water-resistant fireproofing: 7%.
- It doesn't propagate fire.
- It doesn't form sludge.
- Not toxic.
- Not abrasive.
- Non-slip.
- Dust-free and dry.
- Biodegradable.
- 100% vegetable.



CODE	WEIGHT IN KG	VOLUME IN LT	PACKAGING	PRICE
6271	6,5	45	Bag	€ 35,32



Solfonet is a specific powder for the neutralization and absorption of hazardous liquids, it solves the sudden leakage of sulphuric acid from the accumulators (batteries) caused by the breakage of the structure and/or accidental spills, avoiding damage To people and preventing it from being absorbed by the soil.

-absorbs completely incorporating the sulphuric acid of the spilled batteries without ever releasing it.

-The surface remains clean, dry and walkable.

-Thanks to the content of a mixture of special powders that give an exothermic reaction (neutralization heat) that lasts about 3-4 minutes, solfonet neutralizes the absorbed sulphuric acid.

-After the neutralisation phase, dispose of it in accordance with the rules in force, bearing in mind that what results after the two phases of solfonet can be classified as a non-hazardous special waste.



Ministry of Environment and Land and sea protection DM Environment 24 January 2011, No. 20  
Regulation identifying the measurement of absorbing and neutralising substances to be equipped with installations intended for the storage, recharging, maintenance, storage and replacement of accumulators. (OJ no 60, 14/03/2011)  
Text in force from 29/03/2011

CODE	WEIGHT IN KG	PACKAGING	PRICE
10996	5	Bag	€ 99,67

## KIT OF NEUTRALIZING AGENT FOR SULPHURIC ACID

Emergency Kit spill sulphuric acid in a metal cabinet painted in orange coloured polyester, with blind door and lock.

Dimensions: 400x200x580h mm

Neutralizing Power LT 10 of acid.

Content:

- Kg. 5 Absorbent Powder solfonet
- N. 4 absorbent cloths for chemical liquids dim. 41x46 cm
- N. 1 pair of anti-acid gloves
- N. 1 brush and Scoop
- N. 4 waste Disposal bags
- N. 1 pair of safety glasses
- N. 1 protection Mask
- N. 1 instruction manual



CODE	PRICE
9683	€ 409,50

Emergency Kit spill sulphuric acid in cabinet metallic lacquered in orange colour, with blind door and lockable seal lock.

Dimensions: 400px500lx700h mm

Neutralizing Power LT 27 of acid.

Content:

- Kg. 17.5 solfonet  
(1 bag of 2, 5 kg., 3 sacks of 5kg.)
- N. 2 absorbent stockings for causticotoxic acid liquids
- N. 3 bags Waste Disposal
- N. 2 1 pair of anti-acid gloves
- N. 1 pair safety Glasses
- N. 1 protection Mask
- N. 1 instruction manual



CODE	PRICE
9683-2	€ 730,17

Emergency Kit spill sulphuric acid in cabinet metallic lacquered in orange colour, with blind door and lockable seal lock.

Dimensions: 400px730lx1000h mm

Neutralizing Power LT 54 of acid.

Content:

- 35 kg Solfonet (7 sacks 5 kg.)
- N. 2 absorbent stockings for acid liquids
- N. 4 bags waste Disposal
- N. 2 1 pair of anti-acid gloves
- N. 1 pair safety Glasses
- N. 1 protection Mask
- N. 1 instruction manual

CODE	PRICE
9683-3	€ 1.345,50



Emergency Kit spill sulphuric acid in PP, orange colour, with wall fixing device, with ergonomic handle and snap closure.

Dimensions: 400px500lx150h mm

Lt 4 neutralizing power of acid.

Content:

- Kg. 2.5 solfonet Absorbent powder cod. Dus531
- N. 1 pair of anti-acid gloves
- N. 1 Toilet brush and scoop
- N. 4 waste Disposal bags
- N. 1 pair safety Glasses
- N. 1 protection Mask
- N. 1 instruction manual

CODE	PRICE
9683-4	€ 137,58





DUSTS DISSOLVE SNOW AND ICE

- De-icing product to eliminate in a quick and reliable way ice and snow, up to temperature -50°.
- Offer a PROLONGED ACTION from the ice formation up t three days after ( a normal ice formation, with other snows and rains).
- Thanks to the lack of aggressive components ( it is comnpletaly DEVOID OF SALTS) and to its special flat shape does not damage the flora and the fauna. (so we avid the salt aggression in the animals paws).
- It does not attack plastic, marble and cement floors, ideal also for ramps with inclination up to 45° ca.
- It dissolves water totally, not cover the ducts of the raceways and it not disturb the raceways or the purificant plants. It's avaiable in flakes and liquid shapes (in saturated solution at about 35% ).

8 TIMES MORE EFFECTIVE THAN COM-



CODI	WEIGHT IN KG	CAPACITY IN LT	TYPE	PACKAGING	PRICE
1099	20	/	Flakes	Bucket	€ 107,25
10997-1	10	/			€ 64,57
10998	26	20	Liquid	Tank	€ 114,83
10998-1	13	10			€ 71,50



## ABSORBED TOWELS

Highly absorbent and resistant product composed by a polypropylene fiber, suitable for all types of spills, leaks or drips of industrial liquids ( water, solvents, oil, lubricants, chemicals...).

Available in different shapes and measure for every different application, from flammable liquids manipulation to the clean of rough surfaces or spills of various kinds.

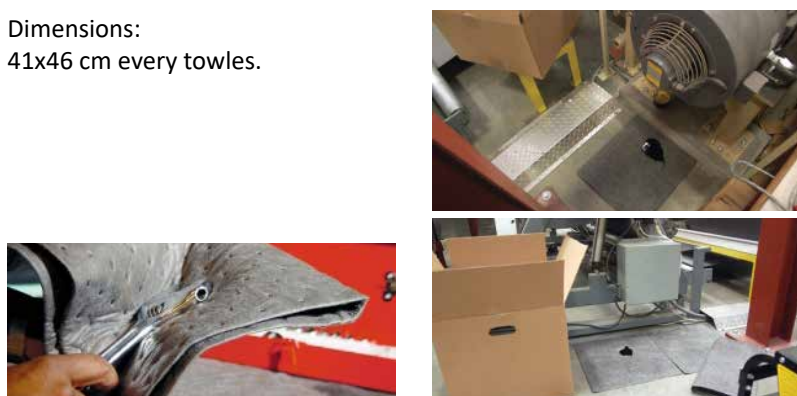
Towels for their versatility are used to absorb spill in every situation. They are static products to facilitate the handling of flammable liquids.

Packaged in comfortable box dispenser for greater cost efficiency. Very useful in industrial environments guarantee the workplace is always clean and safe .

Easy to use and reusable, they are applicable in any case of liquid leakage as long as they are not caustic and toxic. d

Dimensions:

41x46 cm every towels.



CODE	DIMENSIONS IN CM	PIECE FOR BOX	ABSORBENT POWER LT FOR BOX	PACKAGE	QUALITY		PRICE
					PUNCTURE	PRE-CUT	
10999	41x46	100	120	Dispenser box	YES	YES	€ 312,00
10999-1	41x46	200	163	Dispenser box	YES	YES	€ 333,67

## ABSORBERS PILLOWS

CODE	DIMENSIONS IN CM	PIECE FOR BOX	ABSORBENT POWER LT FOR BOX	PACKAGE	PRICE
11000	25x25	20	57	Box	€ 247,00
11000-1	46x46	10	78	Box	€ 316,33



## CALZE ASSORBITORI



CODE	DIMENSIONS IN CM	PIECE FOR BOX	ABSORBENT POWER LT FOR BOX	PACKAGE	PRICE
11001	7,6x122	15	85	Box	€ 212,33
11001-1	7,6x122	40	220	Box	€ 459,33

## EXHAUSTED PILES BIN

- Made in polypropylene.
- Predisposition for wall or pole mounting supporting
- Drop-down lid with security closure and top opening

Dimensions:  
500x380x800H mm



CODE	PRICE
9162	€ 357,50

## POLYETHYLENE CONTAINERS

- Waste containers polyethylene.
- High lasting density.
- Recyclable.
- Resistant to atmospheric agents, chemical agents and to UV rays
- Munito di coperchio incernierato
- 2 full rubber wheels
- Metal rod with anti-corrosion protection thanks to galvanizing and chrome plating
- With ergonomic handling handle thanks to a larger diameter with a truncated pyramid section.
- Available in standard colour GREEN, BROWN, BLUE, GREY, YELLOW, WHITE and RED.
- Certification UNI EN840.
- EWheels diameter: 200 mm

CODE		Weight (Kg)	Useful load in (Kg)	Dimensions in cm (LxPxH)	PRICE
11003	1	11,3	48	48x56x93,5	€ 140,83
11003-1	2	15,5	96	58x73,5x106,5	€ 216,67
11003-2	3	23	136	62,5x86x109,6	€ 385,67

Capacity:  
1- 120 LT  
2- 240 LT  
3- 360 LT

## COVER MANHOLE CARPETS

The security cover manhole carpet is used to prevent filtrations, easy to use in emergency, just spread it directly on the manhole. Made in PVC and high-quality, durable and flexible polymers, it joins perfectly to the floor even when its show up imperfect, grainy and with cracks. It's resistant to water, to hydrocarbons and to the most aggressive chemical components  
Carpet is practically eternal: after use it is sufficient to wash it and it is ready to use again and available in different sizes.



CODE	Dimensions in cm	Thickness in cm	PRICE
11002	46x46	1,3	€ 342,33
11002-1	61x61	1,3	€ 550,33
11002-2	91x91	1,3	€ 1.172,17
11002-3	120x120	1,3	€ 1.924,00

PACKAGE: CARDBOARD





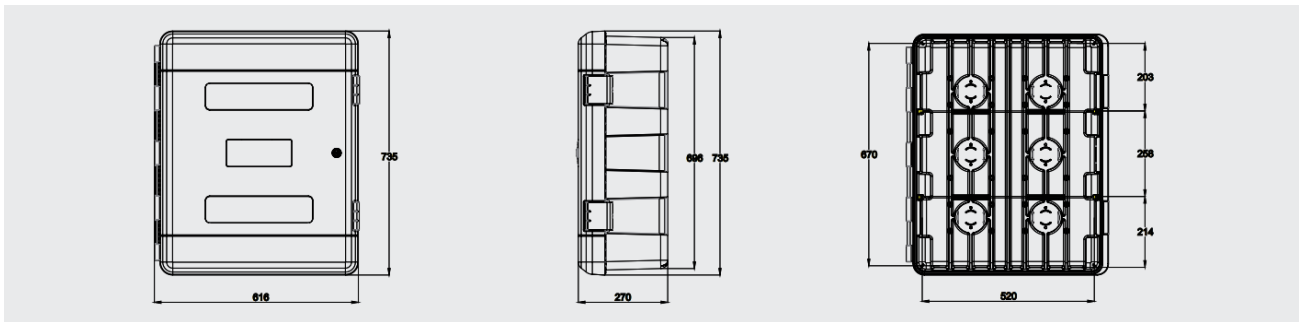
TAPE FOR DPI



TECHNICAL FEATURES:  
Material: polypropylene, nylon, polycarbonate  
Production process: Injection molding  
  
External dimensions (mm): 616x735x270  
Internal dimensions (mm): 520x675x238  
Weight (kg): 7.20

- COMPONENTS
- EPDM seal
  - Double nylon closure
  - Polycarbonate inspection windows
  - Resin label
  - Horizontal shelves

- OPTIONAL COMPONENTS
- Plug for closure



- 1 Cash and cover with reinforced structure
- 2 EPDM gasket (avoids the entry of water and dust)
- 3 Reinforced fastening points
- 4 Double ergonomic nylon closure
- 5 Horizontal shelves
- 6 Locking cylinder option
- 7 Customizable logo
- 8 Made in Italy



CODE	DESCRIPTION	PRICE
1668-5	Slide + 2 shelves	€ 196,99
1668-6	Slide + 2 shelves + key	€ 196,99

## ADR BAG

Emergency kit for units intended for the transport of dangerous goods by road.

The content complies with current legislation in Italy and in Europe

Emergency kit for Normative of reference:

- DM 04/09/1996 implementation of the European Directive 94/55/CE
- DM 15/05/1996 implementation of the European Directive 96/86/CE
- DM 28/09/1999 implementation of the European Directive 1999/47/CE

IMPORTANT: the vehicles must have a wedge block suitable wheels and any material provided for by the instructions written to the driver (TREM CARD) on the basis of the goods transported (marginal 10,385).

BAG in 600D blue polyester, handle and shoulder strap for transport, upper compartment and separate lower compartment (with rigid bottom for shoes or other), side pocket and yellow ADR side writing.

Bag dimensions: 510x320x520H

CODE	MODEL	PRICE
CPS619	ADR STANDARD	€ 531,67
CPS620	ADR GAS	€ 725,00

Bag content ADR STANDARD:

- 2 Signaling lamps Cod. 6157
- 4 Batteries Cod. 6158
- 2 Orange V Vest Cod. 4538
- 2 Atex hand torches Cod. 6210
- 1 Pair of gloves Cod. 6296
- 1 Roll of ribbon B / R Cod. NSP720BR
- 2 Bottles sterile saline solution Cod. ACQ414
- 1 P.S. case Annex 1 pursuant to Ministerial Decree 388 of the Code CPS513
- 1 pair of glasses Cod. 10401
- 1 Disposable coverall Cod. 10740



Bag content ADR TRASPORTO GAS:

- 2 Signaling lamps Cod. 6157
- 4 Batteries Cod. 6158
- 2 Orange V Vest Cod. 4538
- 2 Atex hand torches Cod. 6210
- 1 Pair of gloves Cod. 6296
- 1 Roll of ribbon B / R Cod. NSP720BR
- 2 Bottles sterile saline solution Cod. ACQ414
- 1 P.S. case Annex 1 pursuant to Ministerial Decree 388 of the Code CPS513
- 1 pair of glasses Cod. 10401
- 1 Disposable coverall Cod. 10740
- 1 Full face mask Cod. 6187
- 1 ABEK2P3R filter for mask Cod. 6197



Optional articles:

- 1 Double-sided tripod "DANGER OF FALL" color yellow Cod. 6091
- 1 ATEX folding basket Cod. 6180
- 1 Wheel stop wedge Code CLZ6841
- 1 Yellow helmet Cod. 6216
- 1 Yellow boot Cod. 4637
- 1 Neoprene glove
- 1 Road cone cm. 50 Cod. COP250BR
- 1 Orange ballast bag Cod. DSM6040
- 1 Cover plate Code 6086
- 1 P.S. case according to DIN 13164B Cod. CPS222 (for abroad)



Emergency kits easily adaptable to the cabins of means of transport, with contents designed to meet the ADR regulations concerning the safety of the transport of dangerous material.

#### KIT FOR UNIVERSAL WITH MINIMUMJ ABSORBENT 21 LT

CODE	MINIMUM ABSORBENT KIT IN LT	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10743	21	5 ca	50x60x15	€ 153,83

##### Content:

15 Towels 41x46	1 Pair of protective glasses
2 Tights Diam. 7,6x122 cm	Instruction manual
1 Gloves pair in nitrile	
1 Nylon bag with window in PVC	



#### KIT FOR UNIVERSALS WITH MINIMUM ABSORBENCE 25 LT

CODE	MINIMUM ABSORBENT KIT IN LT	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10743-1	25	3 ca	14x36x50	€ 201,50

##### Content:

15 Towels 41x46	2 Bags for disposal
2 Tights Diam. 7,6x122 cm	1 Pair of nitrile gloves
2 Pillows 25x25 cm	1 Pair of protective glasses
	1 Shockproof PPA case



#### KIT FOR UNIVERSALS WITH MINIMUM ABSORBENCE 25 LT

CODE	MINIMUM ABSORBENT KIT IN LT	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10743-2	25	3 ca	14x36x50	€ 196,08

##### Content:

25 Towels 41x46	1 Gloves pair in nitrile
4 Tights Diam. 7,6x122 cm	1 Box for waste disposal
1 Nylon bag with window in PVC	



#### KIT FOR UNIVERSALS WITH MINIMUM ABSORBENCE 25 LT

CODE	MINIMUM ABSORBENT KIT IN LT	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10743-3	25	3 ca	14x36x50	€ 472,33

##### Content:

50 Towels 41x46	1 Pair of nitrile gloves
4 Tights Diam. 7,6x122 cm	1 Pair of protective glasses
6 Pillows 25x25 cm	2 Bags for waste disposal
3,5 Kg C-Dust in dust	1 Duffel type ADR





## LOCKER ROOM CLOSET

Closed made in steel plate of 6/10 thickness, with all edges reachable folded. Every vain internally equipped from an upper level brings objects, a rod hang hangers and plastic hook. Hinged door with with special anti-burglary hinges, 180 ° rotation, equipped with slits in the upper and lower part for ventilation, predisposition for name card holder, inside metal towel bar, drop collector glass. Lockable lockable or with a nickel-plated metal padlock handle. Painting with epoxypolyester powders, gray Ral 7035. Stylized foot with plastic toecap for adjustable foot and front / side plinth.

LOCKER ROOM CLOSET - 1 PLACE  
With dirty/clean partition

CODE	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10098	25	420x500x1800	€ 476,67



LOCKER ROOM CLOSET - 2 PLACES  
With dirty/clean partition

CODE	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10099	43,9	800x500x1800	€ 801,67

LOCKER ROOM CLOSET- 3 PLACES  
With dirty/clean partition

CODE	WEIGHT IN KG	DIMENSIONS IN CM (LxPxH)	PRICE
10100	62	1200x500x1800	€ 1.115,83





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4

# DOORS AND WINDOWS

## DYNAMOMETER

CODE	PRICE
0423	€ 840,00



### Certifications



Mechanical dynamometer for traction and compression tests with peak-hold function

### Characteristics:

- Double reading scale: Newton and kg readable at the same time
- Rotating display to facilitate the adjustment of the Unit
- Peak-Hold function thanks to the sliding indicator
- Can be mounted on all manual test benches.
- Zeroing by pressing a single button
- Supplied with Sturdy case
- Standard composition: As shown in the photo, extension bar: 90 mm

### Technical datas

- Precision: 1% of [Max]
- Dimensions LxWxH 232x60x51 mm
- Thread: M6
- Net weight approx. 0.6 kg
- Measuring range 500 N
- Division 2.5 N



## ELECTRONIC DYNAMOMETER



CODE	PRICE
0423-1	€ 1.000,00



### Certifications



Robust digital dynamometer for traction testing and simple compression

### Characteristics:

- Automatic reversible display
- Easy to use, ergonomic body
- Peak-Hold function or Track function for a continuative indication of the measurement
- Selectable units: N, LB, kg, oz
- Auto-Power-OFF
- Standard composition: As in illustration, extension bar: 90 mm
- Can be combined with all manual test hooks

### Technical datas:

- Precision: 0.5% of [Max]
- Measuring frequency: 1000 Hz
- Overload protection: 200% of [Max]
- Dimensions LxWxH 195x84x35 mm
- Thread: M8
- Net weight approx. 0.6 kg
- Measuring range 500 N
- Division 2.5 N





## ACCESSORIES FOR THE MAINTAINANCE OF DOORS

### Bag for door maintainer



With inscription: "Fire Maintenance"



CODE	PRODUCT	PRICE
8448	EMPTY BAG	€ 75,00
10856	BAG WITH:	€ 953,33
	1 - Door lift maximum Kg. maximum	
	1 - Suction cup	
	1 - Magnetic level cm. 40	
	1 - Flush lead	
	1 - Set of spatulas (2 Pz.)	

### Suction cup



CODE	PRICE
10852	€ 507,00

### Lift



CODE	PRICE
10851	€ 123,50

### Flush lead



CODE	PRICE
10854	€ 21,67

### Fireguard door labels



CUSTOMIZABLE

### Magnetic level



Length 400 mm

CODE	PRICE
10853	€ 104,00

### Set of spatulas



2 plastic Spatulas of various sizes for glass lifting

CODE	PRICE
10855	€ 130,87

### Maintenance waistcoat

Sz.	CODES
	Navy
S	10026-1
M	10027-1
L	10028-1
XL	10029-1
XXL	10030-1
3XL	10031-1
4XL	10032-1
€	€ 62,62



### DESCRIPTION:

2 large front pocket with Velcro, 4 pockets, side vents, badge pocket

Available in 3 other colours. See DPI section.  
With inscription: "Fire Maintenance"

### Periodic checks register



See pag. 133

## DOOR OPENING DIRECTION 1 SHUTTER/2 SHUTTER

DOOR OPENING DIRECTIONS ALWAYS MEAN TO PUSH



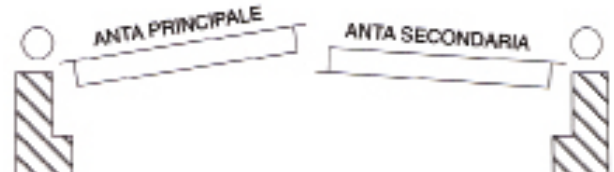
SHUTTER 1 DOOR opening direction DX PUSH



SHUTTER 1 DOOR opening direction SX PUSH



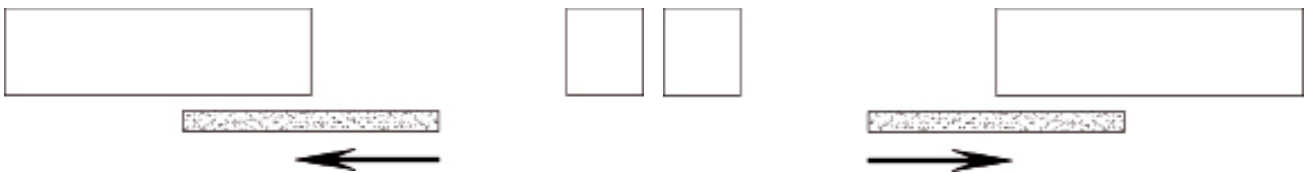
SHUTTER 2 DOOR opening direction DX PUSH



SHUTTER 2 DOOR opening direction SX PUSH

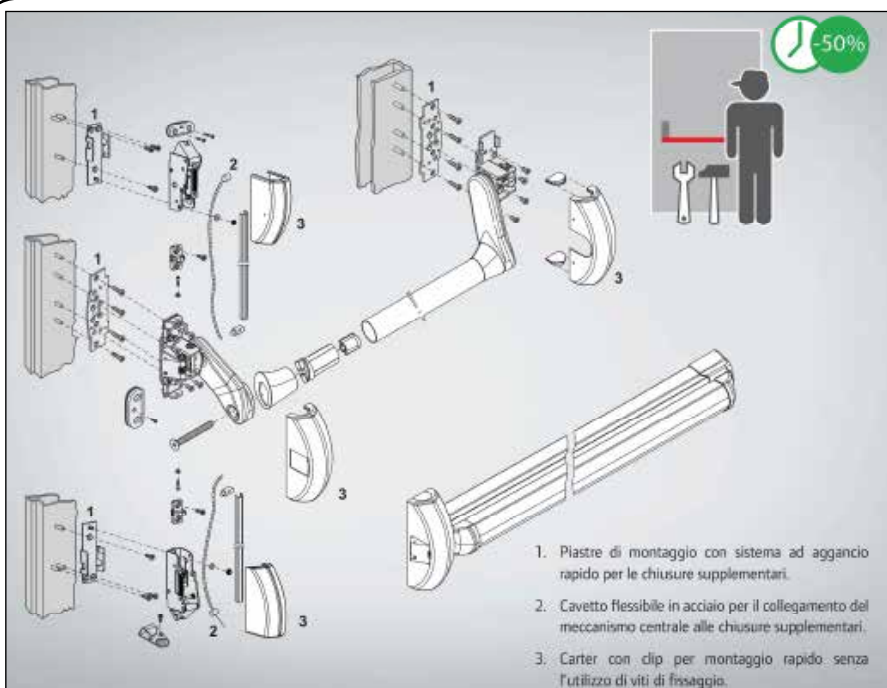
## SLIDING FRONT DOORS OPENING DIRECTION

## STANDARD VERSION



SHUTTER 2 DOOR opening direction DX PUSH

SHUTTER 2 DOOR opening direction SX PUSH



From 1 April 2003, the safety, panic and emergency exit devices must be marked CE.

In fact, with the publication of the references of standards en 1125 and en 179, which occurred through the Official Journal of the European Communities C of 14 February 2002, no 40, it is established that the application of standard EN 1125 and en 179 will become mandatory from 1 April 2003.

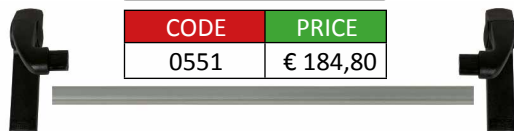
These standards, drawn up by CEN with the mandate conferred by the European Commission, are harmonised standards which allow the marking of these products in accordance with Directive 89/106/EEC concerning construction Products (CPD).

## SPARE PARTS FOR DOORS

### ANTIPANIC HANDLEBARS FOR FIREGUARD DOORS

#### FOR PRIMARY SHUTTER

CODE	PRICE
0551	€ 184,80



#### Technical characteristics:

- Black Nylon Carter
- Galvanized steel components suitable for fire doors
- Grey Color Bar

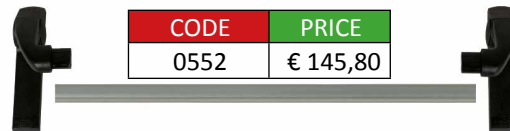
#### Supplied:

- Fixing screws
- Instructions
- Certificates of CE Certification
- Cylinder
- Half Handle

Handlebar model TWIST (Ninz)

#### FOR SECONDARY SHUTTER

CODE	PRICE
0552	€ 145,80



#### Technical characteristics:

- Black Nylon Carter
- Galvanized steel components suitable for fire doors
- Grey Color Bar

#### Supplied:

- Fixing screws
- Instructions
- Certificates of CE Certification

Handlebars model TWIST (Ninz)

#### FOR PRIMARY SHUTTER



#### Technical characteristics:

- Black Nylon Carter
- Galvanized steel components suitable for fire doors
- Grey Color Bar
- Cover plate holes

#### Supplied:

- Fixing screws
- Instructions
- Certificates of CE Certification
- Cylinder
- Half Handle

#### CODE

9458

#### PRICE

€ 214,67

Handlebar model SLASH (Ninz)

#### Technical characteristics:

- Black Nylon Carter
- Galvanized steel components suitable for fire doors
- Grey Color Bar
- Cover plate holes

#### Supplied:

- Fixing screws
- Instructions
- Certificates of CE Certification
- Cylinder
- Half Handle

#### CODE

9459

#### PRICE

€ 191,33



#### FOR SECONDARY SHUTTER

Handlebar model SLASH (Ninz)

CODE	PRICE
0566	€ 23,80



#### Technical characteristics:

- Black Nylon Plate

#### Supplied:

- Key for handle
- Square Walker
- Fixing screws
- Instructions

Completed handle N1 (NINZ)

CODE	PRICE
0567	€ 18,67



#### Technical characteristics:

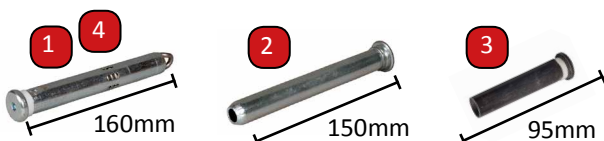
- Black Nylon Plate

#### Supplied:

- Key for handle
- Square Walker
- Fixing screws
- Instructions

Half handle

### SPARE PARTS FOR DOORS AND RELATED ACCESSORIES



CODE		PRICE
0553	Pin with Padilla spring	€ 13,00
0554	Pin without Padilla spring	€ 9,50
1400	Pin without short spring Dierre	€ 17,67
10695	Pin with Ninz spring	€ 19,75

Pin for fire door EI2 / REI

CODE	PRICE
1399	€ 10,67
1399-1	€ 17,33



Stationary bush with plastic floor for secondary shutter for fire doors

CODE	Pack.	PRICE
0555	10	€ 26,67
0555-1	100	€ 233,33



Stop latch for spring hinge



CODE	PRICE
0565	€ 10,50

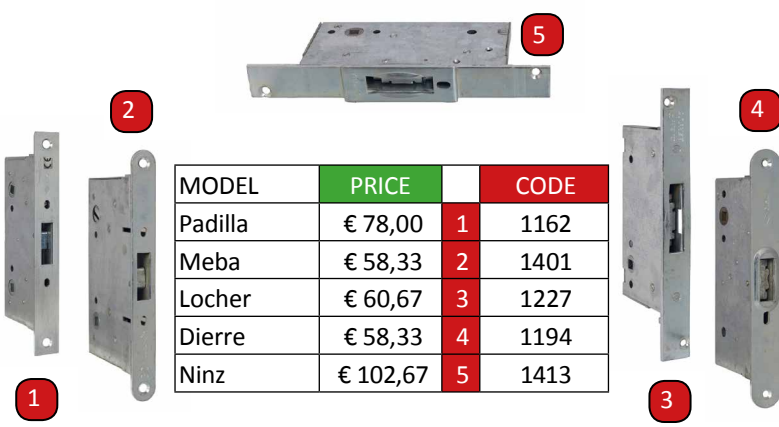
Specify N. From 1 to 10  
Key Patent for doors EI2 / REI



CODE	Pack.	PRICE
1402	20	€ 51,33
1402-1	100	€ 198,33



Thickening washer for Spring pins with 2 mm thickness

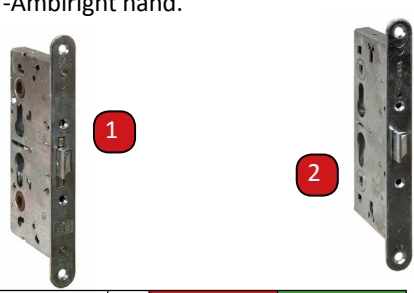


Technical characteristics:

- Frontal, box and latch in steel with zinc coating.
- Ambiright hand.

MODEL	PRICE	CODE
Padilla	€ 78,00	1 1162
Meba	€ 58,33	2 1401
Locher	€ 60,67	3 1227
Dierre	€ 58,33	4 1194
Ninz	€ 102,67	5 1413

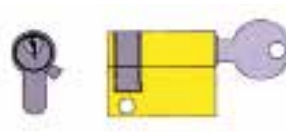
Counter lock for two shutters EI2/rei



	CODE	PRICE
Standard	1 0568	€ 25,33
Antipanic	2 0569	€ 48,00

Door locks EI2 /REI

CODE		PRICE
0556	Half cylinder	€ 18,68
0557	Half cylinder unique encryption	€ 43,70
0558	Half cylinder Master	€ 71,57



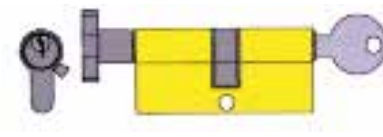
Half cylinder for doors EI2 /REI

CODE		PRICE
0559	Cylinder	€ 24,07
0560	Cylinder unique encryption	€ 58,90
0563	Cylinder master	€ 106,72



Cylinder of 74 mm or 84 mm for doors EI2 /REI

CODE		PRICE
0561	Cylinder with knob	€ 92,15
0562	Cylinder with knob unique encryption	€ 102,60
0564	Cylinder with knob master	€ 125,40



Cylinder with knob of 74 mm or 84 mm for doors EI2 /REI


CODE	PRICE
1476	€ 30,00



Package of 10 pieces

Adjusting rod for pins with spring

CODE	PRICE
1463	€ 40,00



Pack. 20 p

CODE	PRICE
1463-1	€ 160,00

Pack. 100 p

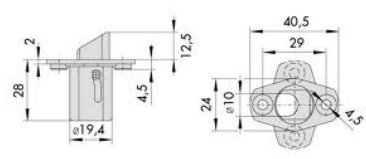
Half thickening washer for spring pins with 0.5 mm thickness



CODE	PRICE
5011	€ 85,33


Lower guide roller for sliding front doors with 1 shutter

CODE	PRICE
5010	€ 38,24




Shafts lock device







1




3




2



4



5



6


		CODE	PRICE
Padilla	1	0571	€ 84,58
Meba	2	1419	€ 65,97
Locher	3	1441	€ 94,97
Dierre	4	1442	€ 136,78
Dierre >1600	5	1443	€ 136,78
Ninz	6	1444	€ 94,97

Closing sequencer for two-shutter EI2/REI Doors

**Safety electromagnets**



	CODE	PRICE
70°	0579	€ 31,00
90°	5012	€ 58,00



Fuse for fire doors

CODE	PRICE
0533	€ 168,44



With counterplate and 3 screws. (X ante of maximum 1250 mm)

Air door clothe for fire doors from 40 to 100 Kg.

**Safety electromagnets**

Version: to be applied

Dimensions: MM. 265 x 66 x 41  
Counterplate with residual anti-magnetism pin: MM. 185 x 60 x 16

Power supply: 12/24 VDC

Electricity: 500 ma at 12 V/250 Ma at 24 V

Traction force: Up to 600 Kg.

Use: Closing system for door to shutter. Opened in lack of electricity.

CODE	PRICE
0574	€ 554,67

Version: to be applied

Dimensions: MM. 265 x 66 x 41

Counterplate with residual anti-magnetism pin: MM. 185 x 37 x 12


Power supply: 12/24 VDC

Electricity: 500 ma A12 v/250 Ma at 24 V

Hall effect sensor/two-coloured red-green Led/relay C.-N.A.-N.C.  
Internal reclosing timer adjustable by means of trimmer from 1 to 15 sec. (Version 13100TD only)

Traction force: Up to 600 Kg.

Use: Anti-panic safety closing system for door to shutter.



CODE	PRICE
5013	€ 689,00

## ANTIPANIC HANDLEBARS FOR FIREGUARD DOORS EI2/REI

CODE	PRICE
1392	€ 210,30

**Technical characteristics:**

- Black painted aluminium Carter
- Galvanized steel components suitable for fire doors
- Red Bar

**Supplied:**

- Fixing screws
- Instructions
- Certificates of CE Certification



Excluded bar

FAST PUSH LINE

CODE	PRICE
1827	€ 191,96

**Technical characteristics:**

- Black painted aluminium Carter
- Galvanized steel components suitable for fire doors
- Red Bar

**Supplied:**

- Fixing screws
- Instructions
- Certificates of CE Certification



Excluded bar

OLD LINE

## ANTIPANIC HANDLEBARS FOR NO FIREGUARD DOORS

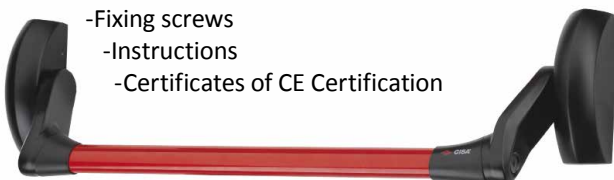
CODICE	PREZZO
1242	€ 199,68

**Technical characteristics:**

- Black painted aluminium Carter
- Self-locking lateral latch in aluminium alloy Chromed with possibility of exclusion
- Red Bar

**Supplied:**

- Vents
- Fixing screws
- Instructions
- Certificates of CE Certification



PRIMARY SHUTTER (excluded bar)

FAST PUSH LINE

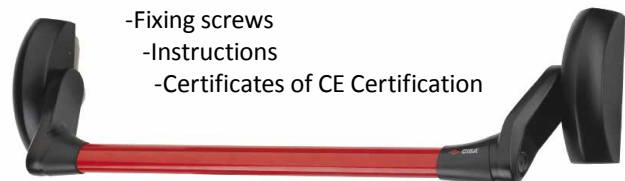
CODE	PRICE
1667	€ 152,13

**Technical characteristics:**

- Black painted aluminium Carter
- Red Bar

**Dotazione:**
**Supplied:**

- Vents
- Fixing screws
- Instructions
- Certificates of CE Certification



SECONDARY SHUTTER (excluded bar)

## ANTIPANIC HANDLEBARS FOR FIREGUARD DOORS EI2/REI

CODE	PRICE
1125	€ 293,27

**Technical characteristics:**

- Black painted aluminium Carter
- Red painted aluminium bar can be shortened to 300 mm.
- Red Bar

**Supplied:**

- Fixing screws
- Instructions - Certificates of CE Certification



PRIMARY SHUTTER

FAST TOUCH LINE

CODE	PRICE
1126	€ 331,91

**Technical characteristics:**

- Black painted aluminium Carter
- Red painted aluminium bar can be shortened to 300 mm.
- Red Bar

**Supplied:**

- Fixing screws
- Instructions - Certificates of CE Certification



SECONDARY SHUTTER

## ANTIPANIC HANDLEBARS FOR NO FIREGUARD DOORS

CODE	PRICE
9179	€ 331,29

### Technical characteristics:

- Black painted aluminium Carter
- Red painted aluminium bar can be shortened to 300 mm.
- Red Bar

### Supplied:

- Fixing screws
- Instructions - Certificates of CE Certification



PRIMARY SHUTTER

FAST  
TOUCH  
LINE

CODE	PRICE
9180	€ 307,10

### Technical characteristics:

- Black painted aluminium Carter
- Red painted aluminium bar can be shortened to 300 mm.
- Red Bar

### Supplied:

- Fixing screws
- Instructions - Certificates of CE Certification



SECONDARY SHUTTER

## Scrocchi for extensions closures for grab bars on non-fire doors



### Caratteristiche Tecniche:

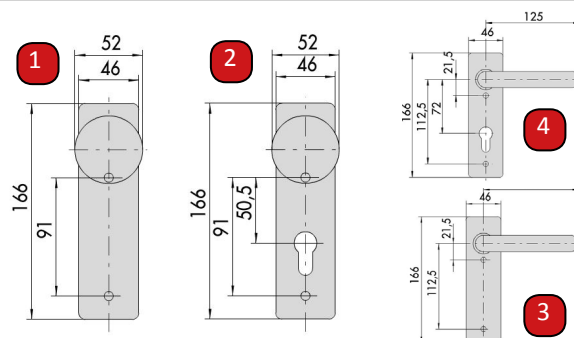
- Black painted aluminium Carter
- Scrocchi in polished chrome-plated aluminium alloy

### Dotazione:

- Fixing screws
- Mounting templates
- Instructions

	CODE	PRICE
Pair of Scrocchi with two nozzles for lateral closure	1 1395	€ 202,31
Pair of Scrocchi with upper nozzle for top closure and floor nozzle for bottom closure	2 1396	€ 202,31
Pair of Scrocchi with upper nozzle for top closure and low nozzle for lateral closure	3 1397	€ 202,31

## External cover plates for fire doors E12/REI



	CODE	PRICE
Fixed knob without cylinder hole black color	1 5004	€ 38,14
Fixed knob with black cylinder hole	2 9169	€ 38,14
Half handle without cylinder hole black color	3 5005	€ 45,32
Half handle with cylinder hole black color	4 5006	€ 45,32

## Horizontal bar for Grab bars Anti-panic Fast Push Line



CODE	PRICE
9170	€ 22,70
Red mm 900	

CODE	PRICE
9171	€ 26,74
Red mm 1200	

CODE	PRICE
9172	€ 40,82
Red mm 1500	

CODE	PRICE
9173	€ 26,74
Grey mm 1200	

## Air door clothe for non-fire doors from 40 to 80 K



(Per ante di massimo 1100 mm)

No per porte REI



### Technical characteristics

- Steel arm with stop
- Monobloc body in die-cast aluminium alloy
- hardened steel pinion and rack mechanism for smooth and efficient operation
- Removable ABS Cover

### Supplied:

- Fixing screws
- Mounting template and installation

	CODE	PRICE
BLACK	0570	€ 52,28
SILVER	9192	€ 52,28

### External handles for grab handlebars Anti-Panic on doors



	CODE		PRICE
With key on handle black color	10886	1	€ 133,13
With key in the body prolonged black color	10832	2	€ 97,71



### External cover Plate For doors

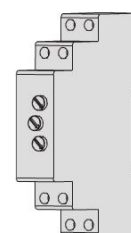


	CODE	PRICE
With black knob	9168	€ 91,62

### Electric handles



		CODE	PRICE
New black model	1	5007	€ 712,24
Timer	2	5009	€ 143,26
Old black model	3	5008	€ 712,24



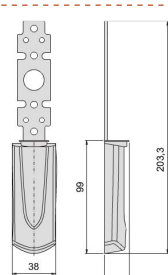
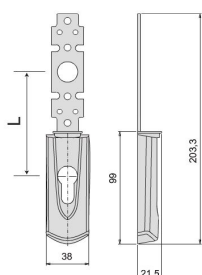
### Cover plates for antipanic handles

1

2

3

4



		CODE	PRICE
Q - M Lenght 72 mm black colour	1	5015	€ 16,59
Q - M Lenght 85 mm black colour	2	5016	€ 16,59
Q - M Lenght 92 mm black colour	3	5017	€ 16,59
Without cylinder hole black color	4	9167	€ 16,59

### Signs for fire doors



	CODE	PRICE
mm 230x290	1672B	€ 4,62
mm 330x500	1672C	€ 14,62



## ANTIPANIC PULL HANDLE FOR NON-FIRE DOORS - CIRCEO

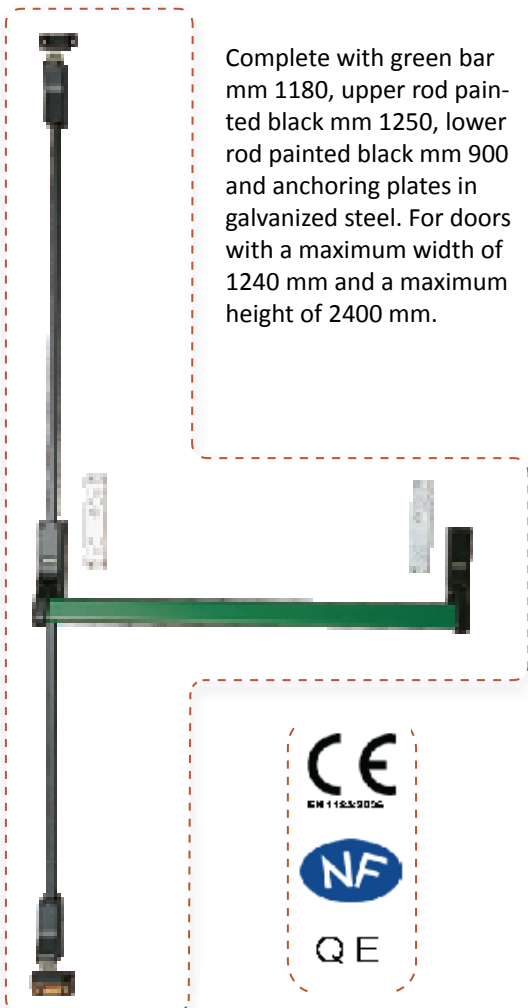


Horizontal, reversible, anti-panic handlebar, in die-cast aluminium, Zamak and steel, 2 screws TC Ø 4, 2x13, 8 screws TS Ø 4, 2X13, 8 screws TS M4x30 in galvanized steel. Complete with green bar cm. 1180 and galvanized steel anchorage plates. For doors with a maximum width of 1240 mm

CODE	PRICE
KH	€ 264,33



Vertical panic handle, ambidextrous in die-cast aluminium, zamak, steel and bronze, 2 screws ts M4x8, 2 screws TC Ø 4, 2x13, 12 screws TS Ø 4, 2X13, 4 screws TS Ø 4, 2X38, 8 screws TS M4x30 in galvanized steel.

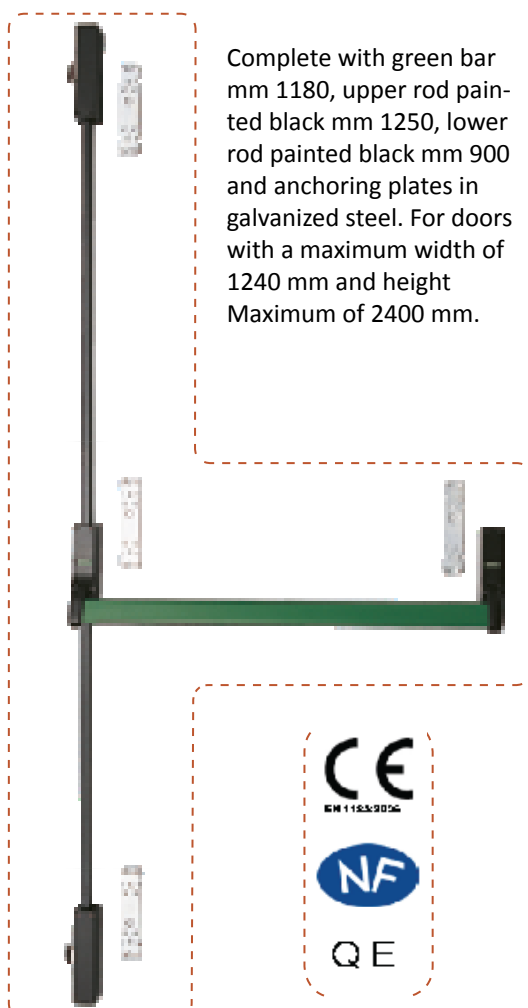


Complete with green bar mm 1180, upper rod painted black mm 1250, lower rod painted black mm 900 and anchoring plates in galvanized steel. For doors with a maximum width of 1240 mm and a maximum height of 2400 mm.



CODE	PRICE
KH2	€ 403,00

Vertical panic handle, ambidextrous in die-cast aluminium, zamak, steel and bronze, 2 screws ts M4x8, 2 screws TC Ø 4, 2x13, 12 screws TS Ø 4, 2X13, 4 screws TS Ø 4, 2X38, 8 screws TS M4x30 in galvanized steel.



Complete with green bar mm 1180, upper rod painted black mm 1250, lower rod painted black mm 900 and anchoring plates in galvanized steel. For doors with a maximum width of 1240 mm and height Maximum of 2400 mm.



CODE	PRICE
KH3	€ 423,80

## VERTICAL ROD FOR CIRCEO HANDLEBARS

Control from external reversible with handle and European shaped cylinder, support and handle in black painted zamak, brass cylinder with 3 nickel-plated keys, square shaft and toothed washer in galvanized steel, 2 thicknesses and cap in black nylon, 1 screw tcei M6x16 and 2 M5x70 TS screws in galvanized steel.

Like KHC but with 3 keys to equal encryption.



CODE
KHC
PRICE
€ 127,83

CODE
KHCU
PRICE
€ 127,83

## EXTERNAL HANDLEBAR FOR CIRCEO HANDLEBARS

Vertical beam of 200cm in steel painted (adapt for doors with high max 310cm ).



CODE
KHU
PRICE
€ 39,00

## REPLACEMENT ACCESSORIES FOR CIRCEO PANIC BARS



Third closing point, ambidextrous, support in black painted aluminium, latch in nickel-plated zamak and gusset in plastic self-lubricating pre assembled material, fixing galvanized steel plate, 2 striker plates in black painted zamak, black nylon insert, black nylon rabbet ledge, 2 screws TC Ø 4,2x13, 4 screws TS Ø 4,2x13, 4 screws TS M4x30 in black galvanized steel.

CODE	PRICE
KHF	€ 105,30



Zamak intermediate support, die and galvanized steel metal, 4 screws TS Ø 4,2x13 e 4 screws TS M4x30 in black galvanized steel.

CODE
KHT
PRICE
€ 140,83



Horizontal powder coated steel plank of 150cm (suitable for door with max 156 width).

CODE
KHR
PRICE
€ 65,00

## EXTERNAL HANDLES FOR PULL HANDLE ANTIPANIC BERNINI / CELLINI



External command handle in insane in painted zama and galvanized steel, handle in zama, cylinder with different combinations, 3 nickeled keys, tree picture in steel galvanized white, 2 grapevines TS M5x80 in galvanized steel.

CODE	PRICE
9238	€ 135,63

CODE	PRICE
9239	€ 135,63

External command handle in insane in painted zama and galvanized steel, handle in zama, cylinder with different combinations, 3 nickeled keys, tree picture in steel galvanized white, 2 grapevines TS M5x80 in galvanized steel.

## EXTERNAL HANDLES FOR PULL HANDLE ANTIPANIC BERNINI / CELLINI

CODE
9240
PRICE
€ 262,17



External command handle a in insane panted zamak and zinc plated steel, allumiunium handle painted die cast alluminium, european cylinder with different europeo con combination, 3 nichel finish keys, white zinc plated steel framework tree, 1 screw TCEI M5x30 e 2 zinc plated steel screws TS M5x80. Equipped with condominium device.

As Code 9240 but with 3 keys a equal encryption.

CODE
9242
PRICE
€ 262,17

## EXTERNAL OFFICE LOCK FOR PULL HANDLE BERNINI / CELLINI



External command in painted zamak and zinc plated steel, fixed office lock handle or, european cylinder with different europeo con combination, 3 nichel finish keys, albero quadro, 2 zinc plated steel screws TS M5x80.

CODE	PRICE
9244	€ 217,10
9244-1	€ 14,30

9244-1 Antirotation kit for 9244 to be combined if this plate is used with handles KH-KH2-KH3

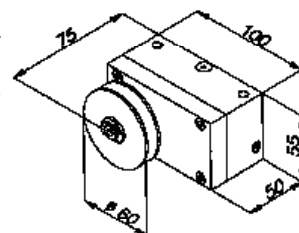
## CLOSING REGULATORS WITH SLIDING LOADING DOORS

The continuous closing regulators allow to stop the automatic reclosing of a sliding fire door. Exceeded the moment critical of the departure, the speed of the door increases progressively and proportionally to the excursion period and to the proper weight. In emergency situations, the developed energy could cause serious damage to people or things that could intervene. The hydraulic regulator allows to stabilize the closing speed in a constant way.

### CONMTINUOUS CLOSING REGULATOR



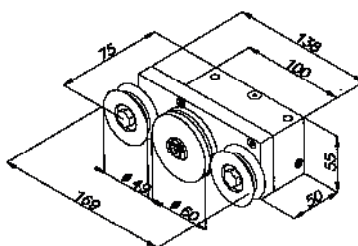
Hull in aluminum single piece side Dimensions Pulley in steel, diameter mm. 60 for the insertion of a strap trapezoidal (to application special pulleys) System oleodinamico to free slide in hourly sense and braked in sense anti-schedule (reversing). Grapevine regulation of the system of braked. Side fixing through grapevines M8 for the insertion on stirrups of support (not you furnish) Employment: continuous regulator of closing for front doors firebreak flowing to counterweights



CODE	PRICE
5048	€ 624,00

### CONMTINUOUS CLOSING REGULATOR 3 WHEELS

Hull in aluminum single piece side Dimensions central Pulley in steel with insert in vulcolan, diameter mm. 60 for the insertion of a cable in steel of dia delrin of diameter mm. 50 system oleodinamico to free slide in sense anti-schedule (reversing). Grapevine regulation of the system of braked. Side fixing through grapevines M8 for the insertion on stirrups of support (not you furnish) Employment: continuous regulator of closing for front doors firebreak flowing to counterweights



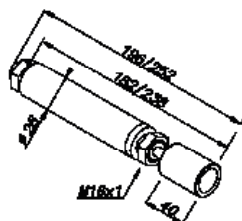
CODE	PRICE
5049	€ 663,00

### HYDRAULIC DAMPERS OF IMPACT FOR FIRE WALL SLINING LOADING DOORS

The hydraulic dampers are used as end run to slow down the impact and therefore to facilitate the closing of a flowing front door thanks to the consequential braking effect from the passage of the oil through holes and cave realized in the cylindrical body. Through a system of regulation you/he/she can be increased or decrementare the degree of frenatura opening or closing the passages of the oil through the piston. The stem of the damper, once compressed, it automatically rearms him to the reopening of the door through a special magnet, predisposing himself/herself/itself for a new cycle.

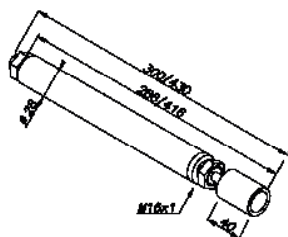
#### SHORT HYDRAULIC DAMPERS

Cylindrical hull in steel galvanized Diameter of the body and th magnet: mm. 28 comprehensive least total length of magnet: mm. 196 total length in maximum extension: mm. 252 run: mm. 56 system of amortization oleodinamico Regulatic of the hardness of the damper Fixing through filleted terminal: M 16 x 1 safety Valve to make to escape the braking liquid in case of fire and to avoid the spontaneous rearmament of the stem for thermal expansion of the liquid (Code 5050) employment: damper of impact in closing for front doors firebreak flowing to counterweights



	CODE	PRICE
With safety valve	5050	€ 225,33
Without safety valve	5051	€ 203,67

#### LARGE HYDRAULIC DAMPERS



Cylindrical body in galvanized steel  
Diameter of the body and of the magnet: mm. 28  
Minimum total length including magnet: 300 mm Total length in maximum extension: 430 mm  
Stroke: mm. 130 -  
Hydraulic shock absorber system - Adjustment of shock absorber hardness - Fixing by threaded M 16 x 1 terminals  
Safety valve to release the brake fluid in case of fire and to avoid the spontaneous re-armming of the stem due to thermal expansion of the liquid.  
Use: impact cushion in closing for counterweight sliding sliding doors

	CODE	PRICE
With safety valve	5052	€ 338,00
Without safety valve	5053	€ 316,33



## CENTRAL SINGLE ZONE FIRE PREVENTION ALARM

Box in beige ABS

Modules: mm. 240 x 150 x 48

Supply: Main, from 230 Vac 50-60Hz network

Auxiliary, supplied by n. 2 batteries 12 Vdc 1.1 / 1.3 Ah  
(art. 00112 mandatory and supplied separately)

Operating area: single

Main panel with LED for the luminous status indications  
operating of the plant, with the following views:

- fire alarm
- presence / lack of mains voltage
- presence / lack of auxiliary voltage (battery)
- general failure of the control panel
- line failure of the detector (s)
- line failure of the remote alarm button (s)
- manual off-center status of the control unit
- siren line fault
- electromagnets supply
- system failure

Push button of off duty manual of the line siren and of the pulsating lines  
and detectors Pulsating of restoration from the condition of alarm, break-  
down or off duty key Interrupter for the access to the functions of Level  
2 of the central Entries (on terminal block):

Revealing line / the of heat and smoke (up to 5 unities, obligatory and  
furnished apart, certified EN54-5 - heat art. 05204 and EN54 -7. Pulsat-  
ing line / the remote one / the activation alarm (up to 5 unities, min. 2  
obligatory furnished apart, certified EN54 -11) pulsating line / the remote  
one / the I release subsequently manual electromagnets external Button  
of tacitazione / reactivation sonorous alarm of the buzzer to alarm.

Issue (in terminal strip):

Line electromagnets (up to n°4 - 24 Vdcs - Max. 300 MA total) Gone  
out for the connection to until n°2 external sirens (obligatory addition-  
al electronic siren furnished apart and certified EN54 -3) working in  
parallel to the inside suoneria of the plant. N°1 gone out to relay on COM  
contacts./N.To./N.C. (2 to) for the external signaling of the off duty one /  
breakdown of the plant.

Other stipulated functions:

Signaling presence / lack net of feeding

Signaling presence / lack auxiliary (batteries) tension

Control of the qualitative state of the batteries

Tacitazione of the signaling of alarm of the plant

Reactivation of the signaling of alarm subsequently to a new signaling of  
alarm from one any of the devices of survey

Possibility to put the plant in off duty manual for her  
maintenance of the plant

Identification and signaling (visual and sonorous) of the presence of the  
lines of the circumferentors and the remote buttons of activation of the  
alarm of fire

Possibility of delay on the disalimentazione of the electromagnets of  
deduction.

Conformity: EN54-2 (central) and EN54-4 (feeder)

CODE	PRICE
0576	€ 520,00



## COMBINANT DETECTOR OF HEAT AND FUME



Box in material plastic of color white  
Dimensions: mm. 110 diameter x 54 height  
Feeding: from 12 Vdcs to 33 current Vdcs  
Assorbimento in alarm: 12 - 45 MA  
operating temperature: -20 °Cs to + 70 complete additional Revealing °Cs of base for the ceiling fixing, collegabile to the Revealing article 0576 conforming to the An ENs 54-7

CODE	PRICE
0576-1	€ 145,17

## DETECTOR OF RATE OF RISE HEAT



Box in ABS of white color  
Dimensions: mm. 110 diameter x 54 height  
Feeding: from 12 Vdcs to 33 Vdcs  
Absorption to rest: 80 microAs / in alarm: 20 MA  
Technology of operation: thermal to fixed temperature of 60 °Cs and termovelocimetrico.  
Revealing additional complete of base for the ceiling fixing, collegabile to the article 0576  
Compliance: EN54-5

CODE	PRICE
0576-2	€ 108,33

## ELECTRIC SIREN



6 tones choosen on the basis of tone for alarms in two stadiums  
Control of the volume For insides and outside Sirena IP 65, basic IP 54 or IP 65 Feeding from 9 to 28 Vccs  
Colore red or white operating temperature: -25°C ÷s +70°C  
Type of connection: To double clamps (6) for derivation. EN54-3

CODICE	PREZZO
0576-3	€ 153,83

## RESTE BOTTOM



Plastic box in white color for the wall mounting.  
Dimensions: mm. 81 x 67 x 55

The button to silence the fire alarms must be positioned near the central unit 0576 and in any case within and not more than 100cm from it.

CODE	PRICE
0576-5	€ 41,17

## SHOWCASE FOR ACTIVATION PRESSURE ALARM



Plastic box in ABS  
Dimensions mm. 99 xes 95 xes 43  
I contact in inside exchange C. /N.To./N.C.  
I rearm manual of the contact  
Degree of protection: IP41  
Transparent cover in plexiglass for the protection of the button of activation of the reliquary  
Box of red (for the connection to fittings anti-fire) color  
Employment: the pressure on the frontal plate in active plastics  
the commutation of the electric contact  
Compliance: EN54-11

CODE	PRCE
0576-4	€ 49,83

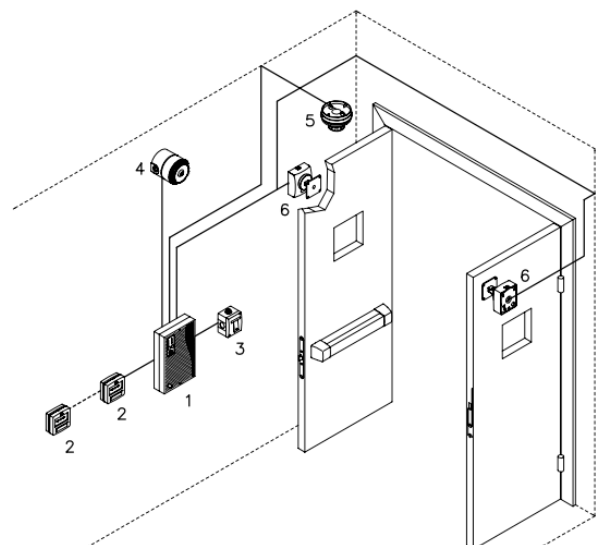
## ELECTRONIC SIREN



Battery to the lead to 12 rechargeable Vdcs  
Thinkness: 1,2 Ah for art. 52002

CODE	PRICE
0576-6	€ 57,60

## LEGEND



- 1.Centrale single zone
- 2.Activation button
- 3.Silencing button
- 4.Siren
- 5.Rilevatore
- 6.Electromagnet.

## ELECTROMAGNET OF HELD BACK TO YOU SEEM IN STEEL WITH CARTER



Version: fixing to wall Body in steel (you see dimensions to pag. 26) block electromagnet nickerled Feeding: 24 Vdcs - Current absorbed: 70 MA Forces traction: > 55 Kg.

Pivot residual anti-magnetism on the body electromagnet.

Connector of grapevine connection with varistore anti-trouble Furnished without a strike plate

Without unblock botto	CODE	PRICE
Black piantiend steel hull	5023	€ 67,60
Stainless steel hull	5024	€ 85,58
With unblock botto	CODE	PRICE
Black piantiend steel hull	5025	€ 72,15
Stainless steel hull	5026	€ 90,13

Conformity: An ENs 1155

Employment: electromagnet for doors shutter firebreak

## ELECTROMAGNET OF DEDUCTION TO FLOOR

Version: fixing to floor.  
Hull in metal painted black or white.



Nickerled electromagnet block  
Feeding: 24 Vdcs - Current absorbed: 70 MA. He/she forces traction: > 55 Kg.  
Pivot residual anti-magnetism on the body electromagnet.  
Connector of grapevine connection with varistore anti-trouble. Furnished without contropiastra  
Conformity: An ENs 1155  
Employment: electromagnet for doors shutter firebreak

CODE	PRICE
0573	€ 241,15

with bottom block

CODE	PRICE
5029	€ 241,15

Hull in white painted steel

## ELECTROMAGNET OF DEDUCTION TO WALL COLLECTION



CODE	PRICE
5027	€ 67,60

Version: fixing from collection to wall - Frontal in steel inox with block nickerled electromagnet - Dimensions frontal: mm. 85 xes 85 xes 2  
Dimensions electromagnet:

diameter mm. 50 xes depth mm. 35 feeding: 24 Vdcs - Current absorbed: 70 MA Forces traction: > 55 Kg.

Pivot residual anti-magnetism on the body electromagnet Connector of grapevine connection with varistore anti-trouble Furnished without contropiastra With pulsating of unblocking Conformity: An ENs 1155  
Employment: electromagnet for doors shutter firebreak.

## BUILT-IN ELECTROMAGNET BOX

CODE	PRICE
5028	€ 32,50



Hull: in aluminum color I silver Dimensions: mm. 85,5 xes 85,5 xes 38,5 Employment: collection box or to apply for electromagnets Cod. 5027

## ELECTROMAGNET OF DEDUCTION FIXING TO WALL

Version: fixing to wall Box in steel painted black Block  
electromagnet nicked Dimensions to fund page Feeding: 24  
Vdcs / Current absorbed: 70 MA A

**Traction force: > 140 Kg.**

Pivot residual anti-magnetism on the body electromagnet

Connector of connection with varistore anti-trouble

Furnished without blackplate

**With unblock bottom**

Conformity: An ENs 1155

Employment: electromagnet of deduction for doors  
shutter firebreak

CODE	PRICE
5031	€ 144,30



## ELECTROMAGNET OF DEDUCTION FIXING TO WALL

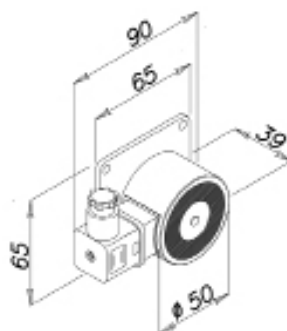
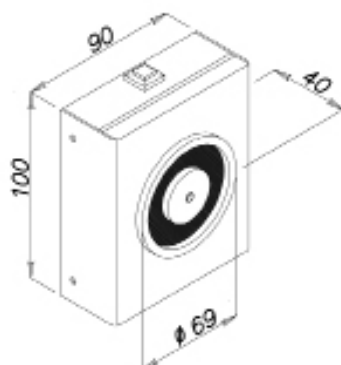


Base in steel painted black Block electromagnet nicked Dimensions  
base electromagnet and contropiastra: mm. 65 xes 65 xes 3 Dimensions  
to fund page Feeding: 24 Vdcs / Current absorbed: 70 MA Pivot  
residual anti-magnetism on the body electromagnet Connector of  
connection with varistore anti-trouble Furnished without contropiastra  
Conformity: An ENs 1155 Employment: electromagnet of deduction for  
doors shutter firebreak or flowing to counterweights.

	CODE	PRICE
Traction force: >55 Kg.	5032	€ 135,20
Traction force: >140 Kg.	5033	€ 173,33

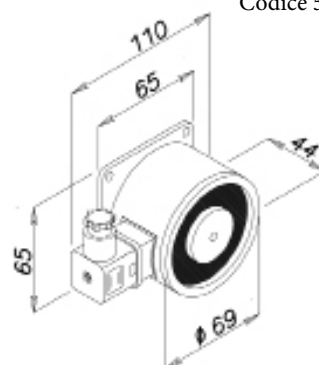
## ELECTROMAGNET DIMENSIONS

Codici - 5031



Code 5032

Codice 5033





ABS WALL-MOUNTED ELECTROMAGNET

Version: wall mounting

ABS body with galvanized steel base  
Nickel-plated electromagnet block

Dimensions at the bottom of the page  
Power supply: 24 Vdc - Current consumption: 70 mA

Fixed tractive force:> 55 Kg

Residual anti-magnetism pin on the electromagnet  
body

Connection connector with varistor  
anti-jamming

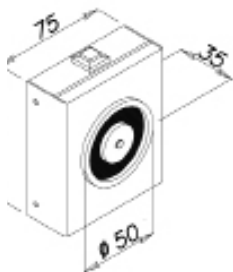
Supplied without counterplate

Compliance: UNI EN 1155  
Use: electromagnet for doors  
fire door with leaf

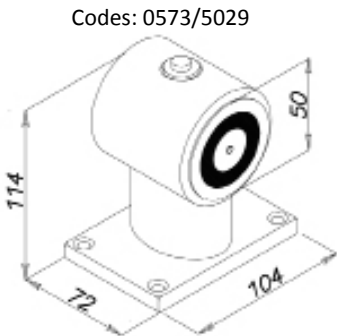


With unlock button	CODE	PRICE
ABS hull black colour	5036	€ 68,90
ABS hull grey colour RAL 7035	0572	€ 68,90

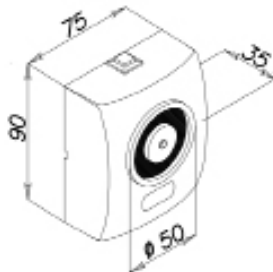
ELECTROMAGNET DIMENSIONS



Codes: 5023/5024/5025/5026



Codes: 0573/5029



Codes: 5034/5035/5036/0572



## FIX PLATE



CODE
5040
PRICE
€ 28,17

Fixed plate for electromagnets codes: 5023/5024 /  
5025/5026/5027/0573/5029/5034/5035/5036 /  
0572/5037/5038/5039

Galvanized steel base with rubber support  
between base and plate for articulation

## ARTICULATED PLATE



CODE
5041
PRICE
€ 35,32

Articulated plate for electromagnets codes: 5023 /  
5024/5025/5026/5027/0573/5029/5034/5035 /  
5036/0572/5037/5038/5039

Base in galvanized steel

## FIX PLATE



CODE
5042
PRICE
€ 56,77

Fixed plate for electromagnets codes 5030/5031/5032/5033  
alvanized steel base with rubber support  
between base and plate for articulation

## ARTICULATED PLATE



CODE
5043
PRICE
€ 63,92

Articulated plate for electromagnets codes  
5030/5031/5032/5033  
zinc steel base

## UNCLOCK/RESET BUTTON



Plastic box in gray color for wall  
mounting  
Dimensions: mm. 81 x 67 x 55  
Pushbutton contact type N.A./N.C.  
Use: push-button for the  
remote opening of the holding  
electromagnets or for the reset of  
the fire control unit art. 52002

CODE	PRICE
5047	€ 41,17

FIXING TELESCOPIC SUPPORT  
"WALL-MOUNTED" OR "A FLOOR" ELECTROMAGNET

Extendable column with square section  
mm. 40 x 40 for horizontal fixing to the wall or  
vertical to the floor of the electromagnets for fire  
doors - Body in black painted steel. Plate for fixing  
the 180 ° adjustable electromagnet

	CODE	PRICE
Large. 140 mm adjustable up to mm 220	0575	€ 115,70
Large 218 mm adjustable up to mm 360	5046	€ 125,67

Employment: for electromagnet codes 5023/5024/  
5025/5026/5027/0573/5029/5030/5031/5032/  
5033/5034/5035/5036/0572

## REPLACEMENT PARTS FOR SMOKE AND HEAT DETECTION PLANTS

### ACOUSTIC TRANSPONDER

CODE
10335
PRICE
€ 72,00



**ACOUSTIC TRANSPONDER IP65 EN54-3**  
Red established siren, base complete IP65

CODE
10398
PRICE
€ 194,40



**INDICATOR LIGHT EN54-17**  
Addressable flash strobe with isolator, powered by loop. Requires support assembly. EN-54-3



CODE
10397
PRICE
€ 279,36

**INDICATOR LIGHT/ACOUSTIC EN54-3/17**  
Electronic siren with addressable flash with isolator, powered by loop. Requires assembly support. EN-54-3



CODE
10399
PRICE
€ 24,91

**SIRENE SUPPORT NFXI**  
High-profile mounting bracket in red. Complete with base B501AP.



CODE
10400
PRICE
€ 40,90

**SIRENE SUPPORT NFXI**  
"Waterproof" mounting bracket of Red. Complete with base B501AP.

### "FIRE ALARM" OPTICAL / ACOUSTIC PANEL OR "EVACUATE THE LOCAL"



CODE	PRICE
1066-1	€ 296,64

24 Vdc self-powered optical / acoustic panel, entirely built with non-combustible materials (ABS VO) or non-flame propagators. Screens and words in PMMA (Polymethyl methacrylate) slow flammability.



CODE	PRICE
1066	€ 296,64

### ACOUSTIC SIGNAL WITH CYLINDER UNDER PRESSURE FROM 300 ML.



CODE
6083
PRICE
€ 17,00

For acoustic signals to be used for evacuation and / or emergency signals

### SHIELDED CABLE AND TWISTED FOR FIRE SYSTEMS - RED MATASSA



Dimensions	CODE	PRICE
200 ml 2x0,5 EN	1078	€ 531,00
200 ml 2x1,0 EN	1079	€ 765,00
200 ml 2x1,5 EN	1080	€ 972,00
200 ml 2x2,5 EN	1081	€ 1.503,00

Suitable cables for installation in any type of room, such as domestic environments, kitchens and offices, industrial plants, public buildings, etc. Installable in conditions of high ambient temperatures (where there is no risk of contact with hot parts or radiation) or even in humid rooms, capable of withstanding medium mechanical stresses. Not suitable for outdoor installation. (CEI 20-22II) These cables are allowed for voltages 450 ÷ 750V. The sections available range from 0.5 mm up to 2.5 mm. For installation at risk of fire, the operating temperature range is:

## SMOKE OPTIC DETECTOR

The optical room with a photocell analyzes the reflections caused by the particles contained in the smoke generated by combustion. The internal geometry of the optical chamber helps to capture smoke particles and is insensitive to environmental effects they could give disturbances. The circuit internal has an analyzer signal to reduce false alarms. Adopt a new algorithm signal management for "Offset" the accumulation of dirt.



(not addressed)

CODE	PRICE
1064	€ 82,08

## BELL AND SIREN

CODE	PRICE
6190-1	€ 344,16

Autonomous electronic siren  
24 Vccs. with blinking light



CODE	PRICE
1418	€ 233,33

Lower part bell  
consumption and  
universal sound.  
Proper for industrial  
applications, automotive

## HEAT OPTIC DETECTOR (TERMIC)

Revealing to double technology. Optic and thermal, same characteristics of the cod. 1064 with in anymore a sensor of temperature velocimetrico. The inside circuit elaborates the si independent algorithms and appra a logic of collaboration on purpose studied, increasing the speed of answer and the sensibility of the system, maintaining however a high immunity to the forgeries alarms.



(Not addressed)

CODE	PRICE
1063	€ 96,48

## OTPIC DETECTOR

CODE	PRICE
1270	€ 182,88



Optic detector of smoke with insulating  
(Indirizzato)

## BASE DETECTORS



CODE	PRICE	CODE	PRICE
1065	€ 15,84	10396	€ 18,72



ADDRESSED  
DETECTOR

Universal bases used for all the types of detectors. Deprived of electronic components, it allows the verification of the wiring before the installation.

## MANUAL ALARM BUTTONS DIM. MM 93X89X59,5

**COD. 1070**  
Approved CPD  
in accord to the  
normative  
EN 54 -11.

Manual button to  
breakup glass to one  
exchange. Furnished  
with  
key of test.  
Feeding 24Vcc.  
Temperature of funzio-  
namento from -10°C to  
+55°C. Relative damp  
actually to 95%.  
Degree of Protection  
IP24D.

## VETRINO DI RICAMBIO PER PULSANTE

RECTANGULAR  
Mis. mm 7,6x4,0

Pack. 10



CODE	PRICE
1072	€ 34,56

	CODE	PREZZO
Turning off block	Blue	1068 € 56,16
Turning off block	Yellow	1069 € 56,16
Turning off block	Red	1070 € 47,52





## REPLACEMENT PARTS FOR SMOKE AND HEAT DETECTION PLANTS

### CENTRAL SURVEY

Microprocessor fire control unit with 4 detection lines. It allows the connection of 25 fire detectors for each line and, through the optional board, the simultaneous management of 2 extinguishing channels for dry, water or gas extinguishing systems of all types.

Batteries 2 x 12V 7Ah (cod. 1062) excluded.



#### CODE

10774

#### PRICE

€ 921,60

### TURNING OF CENTRAL

Detection and extinguishing control unit, three detection zones and one extinguishing channel. Equipped with input circuits for status signals such as flow control, low pressure, etc. and outputs for alarm, shutdown command, etc. Programmable and delayed switch-off channel up to 60 seconds. The control unit can, by selection, switch off automatically, manually or disabled.



#### CODE

1115

#### PRICE

€ 1.680,48

Batteries 2 x 12V 7Ah (cod. 1062) excluded.

### CENTRAL BATTERY



	CODE	PRICE
Accumulator batteries at PB 12V 17 AH	10364	€ 151,20
Accumulator batteries at PB 12V 1,9 AH (slim)	10365	€ 60,75
Accumulator batteries at PB 12V 7 AH	1062	€ 41,85
Accumulator batteries at PB 12V 11 AH	1076	€ 57,60

### SURVEY SMOKE AND HEAT ACCESSORIES FOR TEST OF DETECTORS



Without bomb  
Cod. 1077

N.B.: the above test cylinders (code 1085 and 1086) are used only to test the correct operation of the gas detectors (max 10 detectors) and can not be used to calibrate them.

		CODE	PRICE
Bags for instrument transport and detectors accessories	1	1088	€ 485,28
test tool fro optic/ion detectors	2	1082	€ 475,20
Spray can for detectors test (around 350 test)	3	1077	€ 72,00
Universal tool for extraction detectors	4	1083	€ 825,12
220V tool for chemical test detectors	5	1084	€ 1.584,00
Can gas methane test 50% with outlet (max 10 test)	3	1085	€ 211,50
Test can CO (max 10 test)	3	1086	€ 63,36
Spray can for detectors cleaning	3	1086-1	€ 76,32
Telescopic tube from 4,5 ML.	8	1087	€ 1.317,60
Extension from 1 ML. for Cod. 1087	-	1230	€ 274,32
Test detectors bar Mt.5 con diffusor and magnet	10	0581	€ 720,00



## DOORS FIRE WALL FITTING

## CHARACTERISTICS

Realized with a special coal mixture and binder termoespandente releasing aqueous vapor that combined to thermoplastic it gets an effect of sealing termoespandente with insulating function and of absorption of heat, preventing the passage of fire, smokes and gas.

	CODE	PRICE
Thermoexpanding fitting CL1 black 10 mm (coil from 25 ML.)	1962	€ 37,22
Thermoexpanding fitting CL1 black 15 mm (coil from 25 ML.)	0580	€ 56,50
Thermoexpanding fitting CL1 black 20 mm (coil from 25 ML.)	0207	€ 66,98
Thermoexpanding fitting CL1 black 24 mm (coil from 25 ML.)	0208	€ 90,67
Thermoexpanding fitting CL1 black 40 mm (coil from 25 ML.)	0532	€ 143,86
Thermoexpanding fitting CL1 black 48 mm (coil from 25 ML.)	0209	€ 168,05

## Annex B

## CLASSIFICATION OF FIRE RESISTANT DOORS

The classification system adopted for fire resistant doors is shown below:

E	15	20	30	45	60	90	120	180	240
EI1	15	20	30	45	60	90	120	180	240
EI2	15	20	30	45	60	90	120	180	240
EW		20	30		60				

The sealing requirement E is the ability of a door or other closing element to not let the flames, vapors or hot gases on the unexposed side pass through the production of fire on one side.

The loss of the E requirement occurs when one of the following phenomena occurs: openings in pass-through slots greater than fixed dimensions (point 10.4.5.3 of UNI EN 1363-1); ignition of a cotton ball placed at a distance of 30 mm for a maximum of 30 s (point 10.4.5.2 of UNI EN 1363-1) on the entire surface;

persistent flame on the unexposed face. The isolation requirement I is the attitude of a door or other closing element to reduce the transmission of heat from the side exposed to the fire to the unexposed side within a given limit. The loss of the sealing requirement also means loss of the insulation requirement, whether the specific temperature limit has been exceeded or not. There are two isolation criteria.

## Isolation I1

It is considered that the item under test loses thermal insulation when the first of the following phenomena occurs:

the increase in average temperature on the unexposed face exceeds 140 ° C (point 9.1.2.2 of UNI EN 1634-1);  
the increase in temperature at each point of the leaf, with the exclusion of the area within 25 mm from the visible edge or through hole, exceeds 180 ° C (point 9.1.2.4 letter b) of UNI EN 1634-1);  
the increase in temperature on the frame exceeds 180 ° C at a distance of 100 mm from the through hole if the frame is wider than 100 mm or at the maximum possible distance if the frame is less than or equal to 100 mm ( point 9.1.2.3 letter b) of UNI EN 1634-1)

## I2 isolation

It is considered that the item under test loses thermal insulation when the first of the following phenomena occurs: the increase in average temperature on the unexposed face exceeds 140 ° C (point 9.1.2.2 of UNI EN 1634-1);  
the temperature increase at each point of the leaf, with the exclusion of the area within 100 mm from the visible edge or through hole, exceeds 180 ° C (point 9.1.2.3 letter c) of UNI EN 1634-1);  
the increase in temperature on the frame exceeds 360 ° C at a distance of 100 mm from the through hole if the frame is wider than 100 mm or at the maximum possible distance if the frame is less than or equal to 100 mm ( point 9.1.2.3 letter b) of UNI EN 1634-1).  
The irradiation requirement W is the aptitude of a door or other closing element to resist the fire acting on a single face, reducing the radiant heat transmission both to the materials constituting the unexposed surface and to other materials or to persons it adjacent. A door or other closure element which satisfies the isolation criteria I1 or I2 is deemed to satisfy also the requirement of irradiation W for the same time. The loss of the sealing requirement E automatically means loss of the irradiation requirement W.

EXTRACT FROM THE DECREE 21 June 2004 (MINISTERO DELL'INTERNO) - (Official Gazette No. 155 of 5/7/2004)

Technical and procedural standards for the classification of fire resistance and approval of doors and other closing elements.

## THERMOSENSIBLE FARTS (diameter 5 mm)



		CODE	PRICE
AM 5 Ø mm. - 68° Red	1	9500	€ 10,74
Fart AM 5 Ø mm. - 93° Green	2	9501	€ 11,01
Fart AM 5 Ø mm. - 120° Light blue (only on order min. 300 pz.)	3	9502	€ 28,73
Fart AM 5 Ø mm. - 141° Blue	4	9503	€ 17,64
Fart AM 5 Ø mm. - 182° Mallow	5	9504	€ 24,27

## THERMOSENSIBLE FARTS (diameter mm 8)



		CODE	PRICE
Fart AM 8 Ø mm. - 68° Rrd	1	9505	€ 12,59
Fart AM 8 Ø mm. - 93° Green	2	9506	€ 12,85
Fart AM 8 Ø mm. - 120° Light blue (only on order min. 300 pz.)	3	9507	€ 28,73
Fart AM 8 Ø mm. - 141° Blue	4	9508	€ 18,44
Fart AM 8 Ø mm. - 182° Mallow	5	9509	€ 26,86

## THERMOSENSIBLE FARTS (diameter mm 12)



		CODE	PRICE
Fart AM 12 Ø mm. - 68° Red	1	9510	€ 11,96
Fart AM 12 Ø mm. - 93° Green	2	9511	€ 16,75
Fart AM 12 Ø mm. - 120° Light blue (only on order min. 300 pz.)	3	9512	€ 29,36
Fart AM 12 Ø mm. - 141° Blue	4	9513	€ 18,05
Fart AM 12 Ø mm. - 182° Mallow	5	9514	€ 20,66

**CO2 HERMETIC CYLINDER NOT RECHARGEABLE - Thread UNF da 1/2" - 20 (12,70x1,27)**

DESCRIPTION	PRICE	CODE
CO2 28 gr. UNF 1/2"-20 Temp. max 93°C	€ 39,15	9516
CO2 38 gr. UNF 1/2"-20 Temp. max 93°C	€ 47,85	9517
CO2 55 gr. UNF 1/2"-20 Temp. max 93°C	€ 84,82	9518
CO2 80 gr. UNF 1/2"-20 Temp. max 93°C	€ 130,50	9520
CO2 120 gr. UNF 1/2"-20 Temp. max 93°C	€ 158,77	9521
CO2 150 gr. UNF 1/2"-20 Temp. max 93°C	€ 174,00	9522
CO2 300 gr. UNF 1/2"-20 Temp. Max 50°C (only for BOX)	€ 241,42	9523
CO2 500 gr. UNF 1/2"-20 Temp. Max 50°C (only for BOX)	€ 321,90	9524
CO2 750 gr. UNF 1/2"-20 Temp. Max 50°C (only for BOX)	€ 456,75	9525
CO2 1000 gr. UNF 1/2"-20 Temp. Max 50°C (only for BOX)	€ 669,90	9526
CO2 1500 gr. UNF 1/2"-20 Temp. Max 50°C (only for BOX)	€ 839,55	9527


**CO2 HERMETIC NOT RECHARGEABLE- with thread reducer UNF da 5/8" -18**


DESCRIPTION	PRICE	CODE
CO2 28 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 58,72	9529
CO2 38 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 67,42	9530
CO2 55 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 104,40	9531
CO2 80 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 150,07	9533
CO2 120 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 178,35	9534
CO2 150 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C	€ 193,57	9535
CO2 300 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C (only for BOX)	€ 261,00	9536
CO2 500 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C (only for) BOX)	€ 341,47	9537
CO2 750 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C (only for BOX)	€ 476,32	9538
CO2 1000 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C (only for BOX)	€ 689,47	9539
CO2 1500 gr. rid.da UNF 1/2"-20 a 5/8"-18 max 93°C (only for BOX)	€ 859,12	9540

**CO2 HERMETIC NOT RECHARGEABLE- - with thread reducer M15 x 1,25**

DESCRIPTION	PRICE	CODE
CO2 28 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 58,72	9542
CO2 38 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 67,42	9543
CO2 55 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 104,40	9544
CO2 80 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 150,07	9546
CO2 120 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 178,35	9547
CO2 150 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 93°C	€ 193,57	9548
CO2 300 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 50°C (only for BOX)	€ 261,00	9549
CO2 500 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 50°C (only for BOX)	€ 341,47	9550
CO2 750 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 50°C (only for BOX)	€ 476,32	9551
CO2 1000 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 50°C (only for BOX)	€ 689,47	9552
CO2 1500 gr. rid.da UNF 1/2"-20 a M15 x 1,25 max 50°C (only for BOX)	€ 859,12	9553





## CO2 HERMETIC CYLINDER NOT RECHARGEABLE - with reduction gear for fillet stride M18 x 1,50



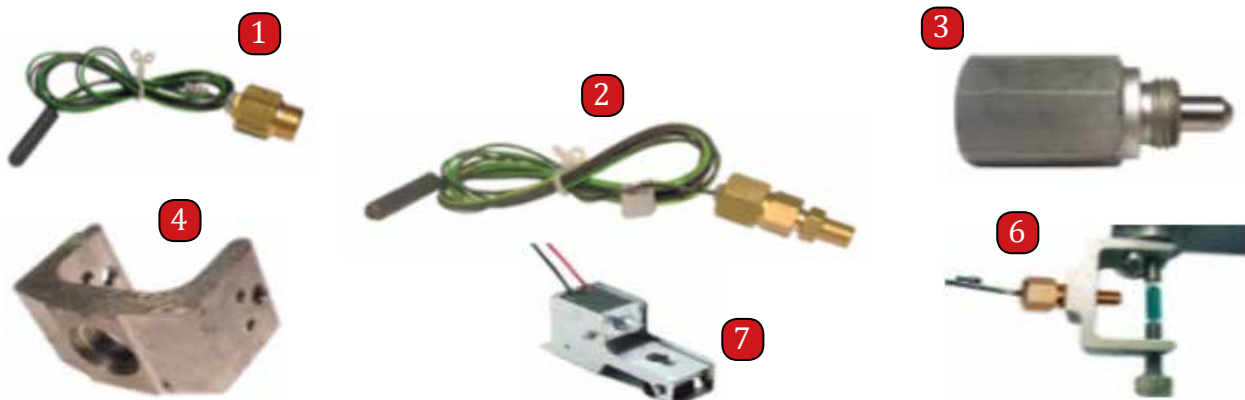
DESCRIPTION	PRICE	CODE
CO2 28 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only on request)	€ 60,90	9555
CO2 38 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C	€ 69,60	9556
CO2 55 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C	€ 106,57	9557
CO2 80 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C	€ 152,25	9559
CO2 120 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C	€ 180,52	9560
CO2 150 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C	€ 195,75	9561
CO2 300 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only for BOX)	€ 263,17	9562
CO2 500 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only for BOX)	€ 343,65	9563
CO2 750 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only for BOX)	€ 478,50	9564
CO2 1000 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only for BOX)	€ 691,65	9565
CO2 1500 gr. rid.da UNF 1/2"-20 a M18 x 1,50 max 93°C (only for BOX)	€ 861,30	9566

## CO2 HERMETIC CYLINDER NOT RECHARGEABLE - with adapter plate for fillet W21,7 x 1,814



DESCRIPTION	PRICE	CODE
CO2 28 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 63,07	12148
CO2 38 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 71,77	12149
CO2 55 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 108,75	10775
CO2 80 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 154,42	12151
CO2 120 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 182,70	12152
CO2 150 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C	€ 197,92	12153
CO2 300 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C (only for BOX)	€ 265,35	12154
CO2 500 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C (only for BOX)	€ 345,82	12155
CO2 750 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C (only for BOX)	€ 480,67	12156
CO2 1000 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C (only for BOX)	€ 693,82	12157
CO2 1500 gr. rid.da UNF 1/2"-20 a (W21,7x1,814) max 93°C (only for BOX)	€ 863,47	12158

## PIROTECHNICAL ACTUATORS



	CODE	PRICE
Pyrotechnical actuator TED3 M16x1,5 - 1,75 A/2 ms.	1 10872	€ 204,45
Pyrotechnical actuator CM/11/001 M8x0,75 - 1,75A	2 10798	€ 261,00
Striker for pyrotechnical type TED2 / COMET Fil. M16x1,5	3 9569	€ 93,52
Hanger for pyrotechnical type TED2 / COMET Fil. M16x1,5	4 9570	€ 41,11
Hanger for pyrotechnical type CM/08/002 Fil. M8x0,75.	6 9571	€ 41,11
Electromagnetic actuator for TERMIC VALVE type UCS	7 9573	€ 430,65

## ADVINOAM PV

ADVINOAM PV is a new foam fit for seal small gaps, expansion joints spaces between the frame and the wall in the installation of fire doors. Expansion joints up to 50 mm, small gaps and interstices between masonry and closure elements.

ADVINOAM PV thanks to its expanding effect, is able to seal perfectly gaps of small dimensions and embossing between different nature materials. ADVINOAM PV, forms an isolant foam that in case of fire carbonise and it is consumed slowly.

ADVINOAM PV a can with a dispensing nozzle is supplied in order to allow an easy application. Shake for the application for about 30 seconds and inject in the gap the canister facing downwards. Application temperature must be between 4° and 30°.



CODE

00520010

PRICE

€ 42,79

El 180 - Expanding foam for expansion joints up to 50 mm, gaps and interstices (Yield 35/40 liters)

ADVINOAM PV  
CAN FROM 750ML

## ADVINOAM MASTIC FOAM

ADVINOAM MASTIC FOAM is a new self-expanding fit for seal small gaps and different type of junction. Numerous cases exist, in fact, Esistono numerosi casi, infatti, in which is necessary to seal small gaps that might modify their volume or their passing surface, during the development of a fire.

Small gaps and joints up to 24 mm

ADVINOAM MASTIC FOAM thanks to its remarkable intumescent effect, it is able to seal perfectly gaps of small dimensions and junction between materials of different nature (electric cables and fireproof panel, masonries and steel walkway, walkway and leaded glass).

ADVINOAM MASTIC FOAM, the temperature about 100°C, expands rapidly its volumeshaping a foam adaptable in any form.



CODE

00690010

PRICE

€ 18,16

El 180 - Intumescent mastic for small gaps and joints up to 24 mm

ADVINOAM MASTIC  
FOAM REI 180  
CARTRIDGE 310

ADVINOAM MASTIC FOAM is supplied in cartridge and is applied by means of a suitable gun similar to a normal silicone. The thickness necessary for guarantee a correct seal is equal to 1 cm.

## ADVINOAM BAGS

ADVINOAM BAGS are new fire bags for the temporary closure of gaps of big dimensions and of electric cables crossing and small combustible pipes. The electric cables crossing, in fact, often set the problem to have to allow easy and fast operations of intervention for the addition, the substitution and the removal of cables. In these cases the restoration of a traditional passive barrier can be difficult or straight impossible. The pouches ADVINOAM BAGS, can be assistant instead, or removed with extreme facility and they allow, besides, a rapid complete removal for possible inspections.



The pouches ADVINOAM BAGS has an operation is physical, due to the good power coibente of the materials in them contents, are chemical thanks to the additive termoespandente that, in case of fire, they increase his/her own volume entirely closing the passage.

The pouches ADVINOAM BAGS can be applied as normal pouches up to complete closing of the passage. And' necessary, before the positioning of the pouches, to order the cables on the passarella and to remove possible dirt or deposits. The quantity of the pouches necessary ADVINOAM BAGS for a correct protection must be calculates verifying the total volume of the passage, scorporato from the total volume of the crossing elements. The result must have increased of 10% to compensate possible carbonizations or breakups of the element of support. The calculated volume must be equal to that of the pouches to use. Naturally our technical office is able to effect all the necessary calculations to define the correct number of pouches to use and their dimensions.

DESCRIPTION		CODE	PRICE
BAGS El 120 180X100X30 MM	CERTIFICATE IN MASONRY AND DRYWALL	00110060	€ 672,30
BAGS El 120 180X200X30 MM	CERTIFICATE IN MASONRY AND DRYWALL	00110070	€ 404,59
BAGS El 120 180X300X30 MM	CERTIFICATE IN MASONRY AND DRYWALL	00110080	€ 299,70

## SEAL SHELL EI 120

SEAL SHELL is a new collar for the sealing of crossings of pipelines in PVC, PE. In case of fire, in fact, the combustible pipelines burn and they melt in few minutes leaving a passage that represents a critical zone able to jeopardize the resistance to the fire of an element of compartmentazione free. SEAL SHELL is constituted by a metallic hull so that to be able to easily be positioned around the pipe by to protect. The presence of material intumescente Advinseal K inside SEAL SHELL guarantees, during the fire and before the pipe founds completely, a complete closing of the passage of crossing, besides, the metallic structure assures a perfect estate of the material intumescente inside the same structure.

SEAL SHELL is applied on the side exposed to fire, and is suitable for use on pipes in:

- PVC up to 200 mm external diameter
- PE and PEHD up to an external diameter of 160 mm
- PP up to external diameter equal to 110 mm

### SEAL SHELL UNIVERSAL DIMENSIONS

- up to internal diameter 100 mm = external diameter 116 mm
- from inside diameter 110 mm to internal diameter 160 mm = external diameter 192 mm
- internal diameter 200 mm = external diameter 240 mm



**EI 120 - Collars for combustible pipes (PVC, PE, etc.) Apply only on the side exposed to the fire. If the fire is on both sides, apply 1 on each side. On REI 120 plasterboard, apply 2 on each side, one inside and one outside.**

DESCRIPTION	CODE	QUANTITY	PRICE
SEAL SHELL FOR TUBE D. 40 MM LARGE 50 MM ING. EST. D.48 MM	00820012	Min. order 1 Pz.	€ 101,25
SEAL SHELL FOR TUBE D. 50 MM LARGE 50 MM ING. EST. D.58 MM	00820013	Min. order 1 Pz.	€ 103,50
SEAL SHELL FOR TUBE D. 63 MM LARGE 50 MM ING. EST. D.75 MM	00820014	Min. order 1 Pz.	€ 110,25
SEAL SHELL FOR TUBE D. 75 MM LARGE 50 MM ING. EST. D.87 MM	00820015	Min. order 1 Pz.	€ 126,00
SEAL SHELL FOR TUBE D. 90 MM LARGE 50 MM ING. EST. D.106 MM	00820017	Min. order 1 Pz.	€ 137,25
SEAL SHELL FOR TUBE D. 100 MM LARGE 50 MM ING. EST. D.116 MM	00820018	Min. order 1 Pz.	€ 155,25
SEAL SHELL FOR TUBE D. 110 MM LARGE 50 MM ING. EST. D.130 MM	00820021	Min. order 1 Pz.	€ 177,75
SEAL SHELL FOR TUBE D. 125 MM LARGE 50 MM ING. EST. D.149 MM	00820023	Min. order 1 Pz.	€ 184,50
SEAL SHELL FOR TUBE D. 140 MM LARGE 50 MM ING. EST. D.168 MM	00820025	Min. order 1 Pz.	€ 213,75
SEAL SHELL FOR TUBE D. 160 MM LARGE 50 MM ING. EST. D.192 MM	00820027	Min. order 1 Pz.	€ 236,25
SEAL SHELL FOR TUBE D. 200 MM LARGE 50 MM ING. EST. D.240 MM	00820030	Min. order 1 Pz.	€ 297,00
SEAL SHELL UNIV. SCAT.4 PZ FOR TUBE UP TO DIAM. 100 MM 0,012 MC	00820040	Min. order 1 Pack.	€ 213,75
SEAL SHELL UNIV. SCAT.2 PZ FOR UP TO DIAM. 110 A DIAM. 160 MM 0,012 MC	00820050	Min. order 1 Pack.	€ 177,75

## ADVIN STRIP EI120

ADVIN STRIP has an exclusively chemical functioning base in intumescence phenomenon.

ADVIN STRIP, infatti, in case of fire produces thermal insulant foam able to close the remaning gaps following the fusion of the fuel pipe. ADVIN STRIP is the new intumescence strip for the internal sealing of fuel pipe crossing in PVC, PEHD, ecc. In case of fire, in fact, fuel pipes burn and melt in few minutes leaving the gap free. The created weep represents a critical area capable of compromise the fire resistance of a wall or a firebreaker partitio. Thanks to the ADVIN STRIP use, the gap il varco is completely filled with insulating material in a few minutes, thanks to the effect of the intumescent material present that prevents any passage of flame. ADVIN STRIP is a compound made up of a strip of intumescent material Advinseal K that guarantees, during the fire and before the pipe completely melts, a complete closure of the crossing passage. ADVIN STRIP it must be wrapped around the pipe to protected and insterted in the gap between the pipe and the wall. The sealing of the external wall can be left free or closed with normal ceent mortar on both sides. ADVIN STRIP guarantees the same degree of protection regardless of the side of the wall where the fire breaks out. It is suitable for use on pipe: PVC, PE, PEHD up to an external diameter of 125 mm - PP up to diameter outside of 110 mm.



**EI 120 - EN 1366-3 Thermoexpanding tapes for combustible pipes. (PVC, PE, PEHD etc.) Apply inside the wall**

DESCRIPTION	CODE	QUANTITY	PRICE
STRIP UNIV. EN 1366-3 DA D.040 A 075 MM 1000X100X08 SCAT. DA 12 PZ. 0,011 MC	00880200	Ordine min. 1 Conf.	€ 48,37
STRIP UNIV. EN 1366-3 DA D.090 A 125 MM 1000X100X12 SCAT. DA 08 PZ. 0,011 MC	00880210	Ordine min. 1 Conf.	€ 79,87





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# FIRST AID



# 1 ATTACHED

Contents for companies of production units of A and B groups with 3 or more workers.



CPS523 ·  
102/M  
Carbon  
steel  
cupboard



CPS521 ·  
102/P  
Plastic  
cupboard



CPS659 ·  
605/M  
Carbon  
steel  
cupboard



CPS115 ·  
605/M  
GREEN  
Carbon  
steel  
cupboard



CPS660 ·  
805/M  
Carbon  
steel  
cupboard



CPS517 ·  
MEDIC 2  
Shock  
absorbent  
plastic  
briefcase



CPS709 ·  
MEDICAL  
BAG  
Nylon bag



CPS518 ·  
MULTI RED  
Plastic  
briefcase



CPS639 ·  
MULTI  
WHITE  
Plastic  
briefcase



CPS116 ·  
605/M WHITE  
Carbon steel  
cupboard



CPS637 ·  
MULTIGREEN  
Plastic  
briefcase



CPS101 ·  
MULTISAN  
Plastic  
briefcase

## 2 ATTACHED

Contents for companies or production units that are not included in group A, with less than 3 workers or which operate in different places than headquarter.



CPS064 ·  
MIZAR  
First aid bag



CPS513 ·  
MEDIC 1  
Plastic  
briefcase



CPS515 ·  
PREMIER  
Plastic  
briefcase



CPS514 ·  
SAFARI  
Plastic  
briefcase



CPS516 ·  
OLIMPIA  
Plastic  
briefcase



CPS519 ·  
1/P  
Plastic  
cupboard



CPS520 ·  
100/P  
Plastic  
cupboard



CPS522 ·  
103/M  
Steel  
cupboard



CPS100 ·  
OLIMPIA  
Plastic  
container

The D.Lgs: 81 date 09 April 2008 with Art. 45 re-confirms the validity of D.M. 388 date 15 July 2003

EXTRACTED FROM "GAZZETTA UFFICIALE"

General series No. 27 of 3 February 2004

Department of Health 15 July 2003 No. 388

Regulation laying down provisions about the company first aid, in accordance with the art. 15 comma 3, of the legislative decree 19 September 1994. No. 626, and subsequent changes.

### Art. 1 - Classification of companies

1. Companies, otherwise production units, are classified bearing in mind what kind of activity they carry out, the number of workers and the risk factors. There are 3 groups:

**A** I) Companies or production units with an industrial activity..., thermal power stations..., mining companies, etc.

II) Companies or production units with more than 5 workers...linked to INAIL tariff groups.

III) Companies or production units with more than 5 workers ...of the agricultural sector.

**B** Companies or production units with 3 or more workers that are not included in group A

**C** Companies or production units with less than 3 workers that are not included in group A

### Art. 2 - First aid organization

1. In companies or production units of group A and B, the employer must ensure the following equipment:

a) First aid kit, in every workplace, ... containing the minimum equipment indicated in Attached 1, that is part of the present decree, ... and which constantly have to be assured of its completeness and of the correct status of the aids that it contains.

2. In companies or production units of group C, the employer must ensure the following equipment:

a) Briefcase for medical treatment, in every workplace, containing the minimum equipment indicated in Attached 2, that is part of the present decree, and which constantly have to be assured of its completeness and of the correct status of the aids that it contains.

5. In companies or production units which have workers that provide at their own activity in isolated places, different than the headquarters or the production unit, the employer must provide them the medical pack referred to in Attached 2.

### Art. 5 - Abrogations

The Ministerial Decree of 2 July 1958 is abrogate.

### Art. 6 - Entry into force

The present Decree enters into force 6 months after the publication in the "Gazzetta ufficiale della Repubblica Italiana" Roma, 15 July 2003.



### Penalties

The employer and the director are punished with detention from 3 to 6 months or with financial penalty from 3 to 8 millions lira for the violation of the rights ... No. 15 comma 1 (measures required in first-aid subject and emergency matter in companies i.e. production units).

**ATTACHED 1****MINIMUM EQUIPMENT OF THE FIRST AID KIT:**

- Single-use sterile gloves (5 pairs) - GUA168
- Flacon of cutaneous povidone-iodine solution (10 % of iodine) (1 liter) - JOD002
- 0 Flacon of physiological saline (sodium chloride 0,9 %) 500 ml (3) - SOL004
- Compressed and sterile surgical gauze 10 x 10 in single envelopes (10) - GAZ111
- Compressed and sterile surgical gauze 18 x 40 in single envelopes (2) - GAZ194
- Single-use sterile surgical tweezers (2) - PIN110
- Package of surgical hydrophilic cotton (1) - COT279
- Package of sticking plasters of different measures ready-to-use (2) - CER075
- Roll of sticking plasters high 2,5 cm (2) - CER231
- Mud-flaps visor - MAS205
- A pair of scissors - FOR199
- Tourniquets (3) - LAC190
- Instant Instant ice packs (2) - KWK044
- Single-use bag for the sanitary waste collection (2) - SAC052
- Instructions on how to use defenses and how to give first-aid - FOG045
- Single-use sterile surgical drape (2) - TEL025
- Package of medium elastic net (1) - RET100
- Thermometer (1) - TER167
- Apparatus used for measuring the arterial pressure - SFI240

**ATTACHED 2****MINIMUM EQUIPMENT OF THE FIRST-AID KIT**

- Single-use sterile gloves (2 pairs) - GUA168
- Flacon of cutaneous povidone-iodine solution (10% of iodine) 125 ml (1) - JOD003
- Flacon of physiological saline ( sodium chloride 0,9%) 250 ml (1) - SOL002
- Compressed and sterile surgical gauze 10 x 10 in single envelopes (3) - GAZ111
- Compressed and sterile surgical gauze 18 x 40 in single envelopes (1) - GAZ194
- Single-use sterile surgical tweezers (1) - PIN110
- Package of surgical hydrophilic cotton (1) - COT281
- Package of ready-to-use sticking plasters of different measures (1) - CER075
- Roll of sticking plasters high 2,5 cm (1) - CER231
- Roll of fringed bandage high 10 cm (1) - BEN223
- A pair of scissors - FOR078
- Tourniquets (1) - LAC190
- Instant Instant ice packs (1) - KWK044
- Single-use bag for the sanitary waste collection (1) - SAC052
- Instructions on how to use defenses and to how give first-aid - FOG045

In this catalogue are explained different type of first-aid and resuscitation, trying to serve as better differnt necessities of the final user.

The current Ministerial Decree in effect of No. 388 of 15 July 2003, that define minimum equipment for companies, is divided in 2 contents:

ATTACHED 1 for companies of group A and group B and, in any case, with more than 3 workers

ATTACHED 2 for companies with less than 3 workers that are not included in group A and for workers that are working in different places than the headquarters.

In the pages of this catalogue you can find different models, including first-aid kit withe content defined as "BASE" (minimun equipment required) and a kit defined as "PLUS", which is improved with products of isefulness recognition and higher consumption.

For the sake of clarity, all kits that are prepared with contents according the general Ministerial Decree, are accompanied by the related certificate with Law references, the minimum expected equipment and instruction of use. Photos and contents could suffer variations and alteratrations without notice period.



Extract of I new D.M. 10.01.2015 in force since 01/18/2016

## TABLE OF DM 10.01.2015 EQUIPMENT OF THE NECESSARY FIRST-AID KIT FOR: COSTAL NAVIGATION

As defined in art.1 point 40 for the security regulation and for human life at sea, approved by DPR 8 November 1991 No.435 (navigation that takes place between state ports, during which the ship doesn't go far more than 6 miles from the coast, and also all units designed at the transport of class C passenger, according to the definition of art.3 d.lgs 4 February 2000 n.45)

## NATIONAL AND INTERNATIONAL COSTAL NAVIGATION

As defined in art.1 points 37 and 39 above-mentioned DPR 8 November 1991 No.435 ( navigation that takes place between state ports, during which the ship doesn't go far than 20 miles from the coast, and also all units designed at the transport of class D passengers, according to the definition of the art.3 d.lgs 4 February 2000 n.45)

## LOCAL NAVIGATION

As defined by the art.1, point 41 above-mentioned DPR 8 November 1991 No.435 ( navigation that takes place inner ports, that is state roadstead, estuaries, canals and lagoons, in which the ship doesn't go far more than 3 miles from the coast, and also all units designed at the transport of class D passengers, according to the definition of the art.3 D.lgs 4 February 2000 n.45)

## CLOSE-RANGE COASTAL FISHING

As defined in paragraph 9, comma 3 of the regulations for the executions of 14 July 1965 law No.963, concerning the fishing discipline, approved by Presidential Decree 2 October 1968 No. 1639 (navigation tha takes place up to 40 miles from the coast)

## RECREATION NAVIGATION WITHOUT ANY LIMITATIONS

It is carried out by recreational craft and ships, as defined in art.3 of Legislative Decree 18 July 2005 No. 171, with boarded personnel who is busy in renting activity. As regards RECREATIONAL MARINE, the equipment predicted in Table A, must be present on board just in case the craft have satisfied all this following requires: 1) Recreation navigation without any limitations; 2) Presence of a seasafer boarded and registered; 3) Crafts used in renting activity.

## TABLE D DM 01.10.2015 EQUIPMENT OF THE NECESSARY FIRST-AID KIT:

## QUALIFIED SHIPS IN LOCAL COASTAL FISHING

As defined in paragraph 9, comma 2, of the above Regulation for the execution of 14 July 1965 law No. 963, concerning the fishing discipline approved with a Presidential Decree 2 October 1968, n.1693 ( fishing within 12 miles from the coast).

## QUALIFIED SHIPS TO UP-CLOSE COASTAL FISHING

As defined in paragraph 9, comma 3 of the above Regulation for the execution of 14 July 1965 law No: 963, concerning the fishing discipline approved with a Presidential Decree 2 October 1968 , No. 1963 ( fishing within 12 miles from the coast).

## RECREATIONAL CRAFTS AND SHIPS

Not included in that specified in table A.



Contents of briefcases and bags are in accordance with the Ministerial Decree No. 388 15 July 2003 and Legislative Decree 81 9 April 2008.

BRIEFCASE MEDIC 2

CONTENTS	
1	Copy of DM 388 15/07/03
5	Pairs of sterile gloves
2	Disinfectant flacons 500 ml povidone-iodine at 10 % iodine PMC
3	Sterile physiological saline 500 ml CE
1	Mud-flaps mask
10	Envelopes of cmp. st. gauze 10x10
2	Envelopes of cmp. st. gauze 18x40
2	Sterile cloths cm 40x60 DIN 13152-BR
2	Sterile tweezers
1	Package of absorbent cotton
1	Case of elastic tubular bandage
2	Packages of 10 assorted sticking plasters
2	Bobbins of adhesive sticking plaster m 5x2,5 cm
1	Pair of scissors cut-bandages
3	Tourniquets
2	Instant Instant ice packs
2	Sqack for medical waste
1	PERSONAL sphygmomanometer with phonendoscope
1	Clinical thermometer
Instructions	



CODE	MODEL	PRICE
CPS517	Complete - with content	€ 149,62
CAV401	Empty - Orange Color	€ 55,53
CAV412	Empty - Green Color	€ 55,53
CAV283	Empty - White Color	€ 55,53
CAV410	Empty - Green trans. cl.	€ 60,25

CONTENTS ATTACHED 1 BASE



Brief-case made of impact resistant plastic, orange Color, that have a handle for transports, a support for wall joint, Latch with 2 roating clips.



Dim. 395x270x135 mm - Complete weight 5,4 kg - Empty weight 1,6 kg



## MEDICAL BAG

Dim. 470x240x190 mm - Complete weight 5 kg - Empty weight 1 kg. A nylon shoulder bag, stiff inner with compartments and zipper.

### UTILISATION

For companies of productive units of A and B group and in any case with 3 or more workers.



CODE	PRICE
CPS709	€ 194,13

## CONTENTS

1	Copy of DM 388 15/07/2003
5	Pairs of sterile gloves
1	Mud-flaps mask
3	sterile physiological saline 500 ml CE
2	Disinfectant flacons 500 ml povidone-iodine at 10 % iodine PMC
10	Envelopes of cmp. st. gauze 10x10
2	Envelopes of cmp. st. gauze 18x40
2	Sterile cloths cm 40x60 DIN 13152-BR
2	Sterile tweezers
1	Package of absorbent cotton
1	Case of elastic tubular bandage
2	Packages of 10 assorted sticking plasters
1	Bobbins of adhesive sticking plaster m 5x2.5 cm
1	Pair of scissors cut-bandagess
3	Tourniquets
2	Instant Instant ice packs
2	Sacks for medical waste
1	PERSONAL sphygmomanometer with phonendoscope
1	Clinical thermometer
First-aid multilingual instructions	

### PLUS CONTENT. ATTACHED 1

The container is made of plastic and is composed of 2 egal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two roating clips. Guaranteed Hermetic sealed by neoprene seals.

## VALIGETTA MULTISAN RED

CODE	MODEL	PRICE
CPS518	Complete - with content	€ 212,33
CAV036	Empty - Orange Color	€ 112,00
CAV137	Empty - Green Color	€ 112,00
CAV136	Empty - White Color	€ 112,00

## CONTENTS

1	Copy of DM 388 15/07/2003	1	Pair of scissors cut-bandagess
5	Pairs of sterile gloves	2	PLASTOSAN 20 assorted sticking plasters
2	Disinfectant flacons 500 ml povidone-iodine at 10 % iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm
3	Sterile physiological saline 500 ml CE	3	Tourniquets
2	Envelopes of cmp. st. gauze 10x10	2	Instant Instant ice packs
10	Envelopes of cmp. st. gauze 18x40	2	Sacks for medical waste
2	Sterile cloths cm 40x60 DIN 13152-BR	1	Digital clinical thermometer
1	Sterile compressed bandage mm 80x100 DIN 13151	1	PERSONAL sphygmomanometer with phonendoscope
1	PLATOSAN 20 assorted sticking plasters	4	Fringed bandages 3,5x10 cm
2	Package of absorbent cotton	1	Isothermal blanket gold/silver cm 160x210
1	Case of elastic tubular bandage	1	Triangular cloth NWf cm 96x96x136
		1	Hands-disinfectant bottle ESOSAN GEL m.100
		2	Sterile tweezers
		2	Elastic bandages m 4x6 cm
		Multilingual first-aid instructions	



Dim. 443x338x147 mm  
Complete weight 8,3 kg  
Empty weight 3,3 kg



## PLUS CONTENT ATTACHED 1

The container is made of plastic and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Guaranteed Hermetic sealed by neoprene seals.

## BRIEFCASE MULTISAN WHITE

CODE	MODEL	PRICE
CPS639	Complete - with content	€ 254,80
CAV036	Empty - Orange Color	€ 112,00
CAV137	Empty - Green Color	€ 112,00
CAV136	Empty - White Color	€ 112,00

Dim. 443x338x147 mm - Complete Weight 8,3 kg -Empty Weight 3,3 kg

### CONTENTS

1	Copy DM 15/07/2003	1	Case of elastic tubular bandage	
3	Sterile prepared GEL FOR BURNS	2	PLATOSAN 20 assorted sticking plasters	
2	Disinfectant bottle 500 ml Povidone-Iodine 10 % iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm	
3	Sterile saline solution 500 ml CE	1	Pair of scissors	
2	Envelopes of cmp. st. gauze cm 18x40	3	Tourniquets	
10	Envelopes of cmp. st. gauze cm 10x10	4	Instant Instant ice packs	
2	Sterile cloths cm 40x60 DIN 13152-BR	2	Sacks for medical waste	
1	POCKET MASK resuscitator	1	PERSONAL sphygmomanometer with phonendoscope	5
1	Mud-flap mask	1	Digital clinical thermometer CE	2
1	Package of hydrophilic cotton	1	Elastic bandages with stop-bndg cm 10	2
1	BOSTON conformable stick for fracture cm 91	1	Bag with sterile gel gauze cm 10x10 for burns	Instructions



## BRIEFCASE MULTISAN GREEN

### PLUS CONTENT ATTACHED 1

The container is made of plastic and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Guaranteed Hermetic sealed by neoprene seals.

CODE	MODEL	PRICE
CPS637	Complete - With content	€ 280,93
CAV036	Empty - Orange Color	€ 112,00
CAV137	Empty - Green Color	€ 112,00
CAV136	Empty - White Color	€ 112,00

### CONTENTS

1	Copy DM 15/07/2003	2	Instant Instant ice packs	
5	Pairs of sterile gloves	2	Sacks for medical waste	
1	Mud-flaps mask	1	Digital clinical thermometer CE	
3	Sterile saline solution 500 ml CE	1	Pair of scissors cut-bandagess	
2	Envelopes of cmp. st. gauze cm 18x40	1	BOSTON set	
2	Sterile cloths cm 40x60 DIN 13152-BR	1	Elastic Bandage with stop-bndgs cm 10	
3	Tourniquets	1	SELFIX self-tight bandages cm 6	
2	Disinfectant bottle 500 ml Povidone-iodine 10 % iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm	
2	Sterile tweezers	1	Slinter removal clip	
1	Package of hydrophilic cotton	1	EMOCONTROL sterile compressed bandage	
1	Case of elastic tubular bandage	2	Sterile ocular compress with adhesive border	
2	PLASTOSAN 20 assorted sticking plasters	3	Sterile prepared GEL FOR BURNS 3.5 g	
1	PERSONAL sphygmomanometer with phonendoscope	1	Bag with sterile gel gauze cm 10x10 for burns	
1	PROFESSIONAL splinters removal pencil	1	VENTO mouth-to-mouth resuscitator	
1	Saline re-integrator	10	Envelopes of compressed sterile gauze cm 10x10	Instructions



Dim. 443x338x147 mm  
Complete Weight 8,5 kg  
Empty Weight 3,3 kg



### 102/M METAL CUPBOARD



CODE	MODEL	PRICE
CPS523	Complete - With contents	€ 158,53
CAV300	Empty - Metal shutter	€ 84,00
CAV300T	Empty - Crystal cover shutter	€ 112,00



#### CONTENTS ALLEGATO 1 BASE

Metal cupboard painted in white with epoxy powder. The kiln firing process at 180°, with 3 racks, 2 inner shelves and lock with keys.



Dim. 460x300x140 mm  
Complete Weight 7,5 kg  
Empty Weight 3,5 kg

CONTENTS			
1	Copy DM 15/07/2003	1	Package of hydrophilic cotton
5	Pairs of steril gloves	1	Case of elastic tubular bandage
2	Disinfectant bottle 500 ml Povidone-iodine 10 % iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm
1	Mud-flaps mask	1	Pair of scissors cut-bandagess
3	Sterile saline solutions 500 ml CE	3	Tourniquets
10	Envelopes of steril gauze cm 10x10	1	Instant Instant ice packs
2	Envelopes of steril gauze 18x40	2	Sacks for medical waste
2	Sterile cloths cm 40x60 DIN 13152-BR	1	Clinical thermometer
2	Sterile tweezers	1	PERSONAL sphygmomanometer with phonendoscope
2	Packages of 10 assorted sticking plasters	Instructions	

### 102/P PLASTIC CUPBOARD

#### BASE CONTENTS ATTACHED 1

Cupboard made of plastic, white Color with 2 closet doors and 2 inner shelves

CODE	MODEL	PRICE
CPS521	Complete - With content	€ 176,40
CAV032	Empty - Only Cupboard	€ 84,93

CONTENTS			
1	Copy DM 15/07/2003	1	Case of elastic tubular bandage
5	Pairs of sterile gloves	2	Package of 10 assorted plasters
2	Disinfectant bottle 500 ml Povidone-iodine 10 % iodine PMC	2	Rocchetti cerotto adesivo m 5x2,5 cm
3	Sterile saline solution 500 ml CE	1	Clinical thermometer
1	Mud-flaps mask	1	Bobbins of adhesive sticking plaster m 5x2.5 cm
2	Envelopes of cmp. st. gauze cm 18x40	3	Tourniquets
10	Envelopes of cmp. st. gauze cm 10x10	2	Instant Instant ice packs
2	Sterile cloths 40x60 DIN 13152-BR	2	Sacks for medical waste
2	Sterile tweezers	1	PERSONAL sphygmomanometer with phonendoscope
1	Package of hydrophilic cotton	Instructions	
1	Clinical thermometer		



Dim. 450x375x130 mm  
Complete Weight 7,3 kg  
Empty Weight 3,5 kg



## 805/M CARBON STEEL CUPBOARD

CODE	MODEL	PRICE
CPS660	Complete - With content	€ 284,20
CAV805	Empty	€ 210,00

## PLUS CONTENTS ATTACHED 1

Carbon steel cupboard painted in white with epoxy powder and subject to a firing process at 180°. It has round boards, 3 steel inner shelves, a closet doors provided with 3 accessory holders, removable base bottles-holders, lock with key.

## CONTENTS

1	Copy DM 15/07/2003	1	Isothermal blanket gold/silver cm 160x210
3	Package of hydrophilic cotton	1	Package of 8 assorted bandages
1	Disinfectant bottle 250 ml	1	EMOCONTROL sterile compressed bandage
1	Hydrogen peroxide bottle	1	Case of elastic tubular bandage
1	PLASTOSAN 100 assorted sticking plasters	5	Sacks for medical waste
1	PLASTOSAN 100 assorted sticking plasters 7x2	1	Mud-flaps mask
3	Tourniquets	1	Digital clinical thermometer CE
2	Bobbins of adhesive sticking plaster m 5x2.5 cm	10	Envelopes of cmp. st. gauze cm 10x10
1	Pair of scissors cut-bendage	2	Sterile pliers
6	Envelopes of cmp. st. gauze cm 18x40	1	PINOCCHIO+VENTO complete kit
4	Triangular cloths cm 40x60 DIN 13152-BN	3	Sterile saline solution 500 ml CE
1	Elastic bandage with stop-bandage cm7	2	Disinfectant bottle 500 ml IODOPOVIDONE 10 % Iodine PMC
2	Sterile cloths NWf cm 96x96x136	1	PERSONAL sphygmomanometer with phonendoscope
2	Packages of 10 tissues	5	Pairs sterile gloves
2	Instant Instant ice packs	3	Packages of sterile gel gauze for burns



Dim. 402x582x202 mm  
Complete Weight 12,2 kg  
Empty Weight 8,4 kg



Instructions
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## 605/M CARBON STEEL CUPBOARD


CODE	MODEL	PRICE
CPS659	Complete - With contents	€ 212,33
CAV605	Empty	€ 140,00

## PLUS CONTENTS ATTACHED 1

Carbon steel cupboard painted in white with epoxy powder and subject to a lining process at 180 °. It has round boards, 3 steel inner shelves, a closet doors provided with 3 accessory-holders, removable base bottles-holders, lock with key.



## CONTENTS

1	Copy DM 15/07/2003	1	Case of elastic tubular bandage	 <p>Dim. 402x202x483 mm Complete Weight 12,9 kg Empty Weight 6,3 kg</p>
5	Pairs of sterile gloves	2	PLATOSAN 20 assorted sticking plasters	
2	Disinfectant bottle 500 ml Povidone-iodine 10% Iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm	
3	Sterile saline solution 500 ml CE	1	Pair of scissors cut-bandages	
1	Mud-flaps mask	1	Compress sterile gauze 80x100 DIN	
10	Envelopes of cmp. st. gauze 10x10 cm	2	Instant Instant ice packs	
2	Envelopes of cmp. st. gauze 18x40 cm	1	PERSONAL sphygmomanometer with phonendoscope	
2	Sterile cloths 40x60 cm DIN 13152-BR	2	Sacks for medical waste	
2	Sterile tweezers	4	Gauze bandages m 3.5x10 cm	
2	Package of hydrophilic cotton	1	DISCLEAN disp. 100 wipes DIS050	
1	Triangular NWf cloth 96x96x136 cm	1	Isothermal blanket gold/silver cm 160x210	Multilingual first-aid instructions
2	Sterile preparation of gel for burns 3.5	2	Elastic bandages m 4x6 cm DIN61634	



Dim. 402x202x483 mm  
Complete Weight 12,9 kg  
Empty Weight 6,3 kg





### 605/M GREEN CUPBOARD

#### PLUS CONTENTS ATTACHED 1

Carbon steel cupboard painted in white with epoxy powder and subject to a firing process at 180°. It has round boards, 3 steel inner shelves, a closet doors provided with 3 accessory-holders, removable base bottles-holder, lock with key.

CODE	PRICE
CPS115	€ 284,20
CAV605	€ 140,00



Dim. 402x202x483 mm  
Complete Weight 12 kg  
Empty Weight 6,6 kg

CONTENTS			
1	Copy DM 15/07/2003	1	Case of elastic tubular bandage
5	Pairs of sterile gloves	2	Plastosan 20 assorted sticking plasters
2	Disinfectant bottle 500 ml Povidone-Iodine 10% Iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm
3	Sterile saline solution 500 ml CE	1	Pair of scissors cut-bandages
1	Mud-flaps mask	1	PROFESSIONAL splinters removal pencil
1	Package of gel sterile gauze for burns 10x10	1	PERSONAL sphygmomanometer with phonendoscope
2	Envelopes of cmp. st. gauze 18x40 cm	2	Instant Instant ice packs
2	Sterile cloths 40x60 cm	2	Sacks for medical waste
1	VENTO mouth-to-mouth resuscitator	1	EMOCONTROL compress sterile bandage
1	Package of hydrophilic cotton	1	BOSTON conformable stick for fractures
1	SELF FIX self-tight bandage 6 cm	1	Elastic bandage with stop-bandage 10 cm
3	Sterile preparations of gel for burns 3.5	2	Sterile ocular compress with adhesive border
		1	Splinters removal tweezers
		2	Sterile pliers
		5	STOP wipes
		5	Ammonia wipes
		1	Digital thermometer
		3	Tourniquets
		Multilingual first-aid instructions	



### 605/M WHITE CUPBOARD

#### PLUS COMNTENTS ATTACHED 1

Carbon steel cupboard painted in white with epoxy powder and subject to a firing process at 180°. It has round boards, 3 steel inner shelves, a closet doors provided with 3 accessory-holders, removable base bottles-holder, lock with key.



Dim. 402x202x483 mm  
Complete Weight 12 kg  
Empty Weight 6,6 kg

CONTENTS			
1	Copy DM 15/07/2003	1	Case of elastic tubular bandage
5	Pairs of sterile gloves	2	Plastosan 20 assorted plasters
2	Disinfectant bottles 500 ml Povidone-Iodine 10% Iodine PMC	2	Bobbins of adhesive sticking plaster m 5x2.5 cm
3	Sterile saline solution 500 ml CE	1	Pair of scissors cut-bandages
1	Mud-flpas mask	1	Envelope of gel sterile gauze for burns 10x10 cm
10	Envelopes of cmp. st. gauze 10x10 cm	4	Instant Instant ice packs
2	Envelopes of cmp. st. gauze 18x40 cm	2	Sacks for medical waste
2	Sterile cloths 40x60 cm DIN 13152-BR	1	PERSONAL sphygmomanometer with phonendoscope
2	Sterile Tweezers	1	POCKET MASK mouth-to-mouth resuscitator
1	Package of hydrophilic cotton	1	BOSTON conformable stick for fracture
2	SELF FIX self-tight bandage 6 cm	1	Elastic bandage with stop-bandage 10 cm
3	Sterile preparation of gel for burns 3.5	5	STOP wipes
		5	Ammonia wipes
		1	Digital thermometer
		3	Tourniquets
		Multilingual first-aid instructions	





### MEDIC BRIEFCASE 1

#### CONTENTS

1	Copy DM 15/07/2003
2	Pairs of sterile gloves
1	Disinfectant bottle 500 ml Povidone-Iodine 10% Iodine PMC
1	Sterile saline solution 500 ml CE
1	Envelope of cmp. st. gauze 18x40 cm
3	Envelopes of cmp. st. gauze 10x10 cm
1	Sterile tweezers
1	Package of hydrophilic cotton
1	Package of assorted sticking plasters
1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Gauze bandage m 3.5x10 cm
1	Pair of scissors cut-bandages
1	Tourniquets
1	Instant Instant ice packs
1	Sack for medical waste
First-aid multilingual instructions	

CODE	MODEL	PRICE
CPS513	Complete- With contents	€ 35,91
CAV406	Empty- Orange Color	€ 19,83
CAV284	Empty- Green Color	€ 19,83
CAV284B	Empty- White Color	€ 19,83

### BASE CONTENTS ATTACHED 2

Briefcase manufactures from plastic, orange Color, support for wall application, handle-to-transport and latch with 2 rotating clips.



Dim. 250x190x90 mm  
Complete Weight 1,3 kg  
Empty Weight 0,4 kg

### MIZAR - SHOULDER BAG

#### CONTENTS ATTACHED 2

Nylon bag 600D, padded, red Color with shoulder handle, closure with zipper, "FIRST-AID" sign printed in white and in 6 languages. It is possible to provide MIZAR with personalized contents.

CODE	MODEL	PRICE
CPS064	Complete - With contents	€ 40,83
BPS209	Empty	€ 22,87

Dim. 250x180x90 mm  
Complete Weight 1,5 kg  
Empty Weight 0,6 kg



CONTENTS	
1	Copy DM 15/07/2003
2	Pairs of sterile latex free gloves
1	Disinfectant bottle 500 ml Povidone-Iodine 10% Iodine PMC
1	Sterile saline solution 500 ml CE
1	Envelope of cmp. st. gauze 18x40 cm
3	Envelopes of cmp. st. gauze 10x10 cm
1	Sterile tweezers
1	Package of hydrophilic cotton
1	PLASTOSAN 10 assorted sticking plasters
1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Gauze bandage m 3.5x10 cm
1	Pair of scissors cut-bandagess
1	Latex free tourniquets
1	Instant Instant ice packs
1	Sack for medical waste
Instructions	

### PREMIER BRIEFCASE

#### PLUS CONTENTS ATTACHED 2

The container is made of plastic and composed of 2 egal parts, each part is completed with glasses and separators in order to provide a better casing of products. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.



CODE	MODEL	PRICE
CPS515	Complete - With contents	€ 65,33
CAV035	Empty	€ 53,20

CONTENTS			
1	Copy DM 15/07/2003	1	Gauze bandage m 3.5x10 cm
2	Pairs of sterile gloves	1	Tourniquet
1	Disinfectant bottle 125 ml Povidone-Iodine 10 % Iodine PMC	1	Pair of scissors cut-bandages
1	Sterile saline solution 250 ml CE	1	Instant ice pack
3	Envelopes of cmp. st. gauze 10x10 cm	1	Sack for medical waste 250x350 mm
3	Envelopes of cmp. st. gauze 18x40 cm	1	Sterile cloths 40x60 cm DIN 13152-BR
1	Package of hydrophilic cotton	1	Case PIC containing:
1	Sterile tweezers	3 Small plastic bags of liquid soap	
1	Package of 10 assorted sticking plasters	3 Small plastic bags of disinfectant wipes	
1	Bobbin adhesive sticking plaster m 5x2.5 cm	3 small plastic bags of ammonia wipes	
1	Triangular NWf cloth 96x96x136 cm	First-aid multilingual instructions	



Dim. 255x240x123 mm - Complete Weight 2,1 kg - Empty Weight 1 kg

SAFARI BRIEFCASE

PLUS CONTENTS ATTACHED 2

The container is made of plastic and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

CODE	MODEL	PRICE
CPS514	Complete- With contents	€ 65,33
CAV299	Empty - Orange color	€ 53,20
CAV302	Empty - Green color	€ 53,20
CAV301	Empty - White color	€ 53,20



CONTENTS	
1	Copy DM 15/07/2003
2	Pairs of sterile gloves
1	Disinfectant bottle 125 ml Povidone-Iodine 10 % Iodine PMC
1	Sterile saline solution 250 ml CE
3	Envelopes of cmp. st. gauze 18x40 cm
3	Envelopes of cmp. st. gauze 10x10 cm
1	Package of hydrophilic cotton
1	Sterile tweezers
1	PLASTOSAN 10 assorted sticking plasters
1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Gauze bandage m 3,5x10 cm
1	Pair of scissors cut-bandages
1	Tourniquet
1	Instant ice pack
1	Sack for medical waste 250x350 mm
1	Sterile cloths 40x60 DIN 13152-BR
1	Triangular NWf cloth 96x96x136 cm
First-aid multilingual instructions	

Dim. 282x220x112 mm - Complete Weight 2,2 kg - Empty Weight 1,1 kg

OLIMPIA BRIEFCASE

PLUS CONTENTS ATTACHED 2

The container is made of plastic and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

Dim. 335x250x123 mm - Complete Weight 2,5 kg Empty Weight 1,6 kg



CODE	MODEL	PRICE
CPS516	Complete - With contents	€ 84,93
CAV287	Empty - Orange color	€ 66,27
CAV289	Empty - Green color	€ 66,27
CAV288	Empty - White color	€ 66,27

CONTENTS		
1	Copy DM 15/07/2003	2 Gauze bandage m 3.5x10 cm
2	Pairs of sterile gloves	1 Tourniquet
1	Disinfectant bottle 125 ml Povidone-Iodine 10 % Iodine PMC	1 Pair of scissors cut-bandages
1	Sterile saline solution 250 ml CE	1 Instant Instant ice packs
3	Envelopes of cmp. st. gauze 18x40 cm	1 Sack for medical waste
3	Envelopes of cmp. st. gauze 10x10 cm	1 Triangular NWf cloth 96x96x136 cm
1	Package of hydrophilic cotton	1 Isothermal blanket gold/silver 160x210 cm
1	Sterile tweezers	2 Compress sterile gauze 80x100 mm DIN
1	PLASTOSAN 20 assorted sticking plasters	2 Sterile preparations of gel for burns 3.5 g
1	Sterile tweezers	1 Sterile cloths 40x60 cm DIN 13152-BR
1	Bobbin of adhesive sticking plaster m 5x2.5 cm	First-aid multilingual instructions





1/P PLASTIC CUPBOARD



CODE	MODEL	PRICE
CPS519	Complete - With contents	€ 48,33
CAV029	Empty - Only cupboard	€ 35,00

**BASE CONTENTS ATTACHED 2**

Plastic cupboard in white color, with 3 compartments, 2 inner shelves and snap closures.



Dim. 370x220x140 mm-  
Complete Weight 1,9 kg  
Empty Weight 1 kg

CONTENTS			
1	Copy DM 15/07/2003	1	Package of 10 assorted sticking plasters
2	Pairs of sterile gloves	1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Disinfectant bottle 125 ml Povidone-Iodine 10% Iodine PMC	1	Gauze bandage m 3.5x10 cm
		1	Pair of scissors cut-bandages
1	Sterile saline spòution 250 ml CE	1	Touriquet
1	Envelope of cmp. st. gauze 18x40 cm	1	Instant ice pack
3	Envelopes of cmp. st. gauze 10x10 cm	1	Sack for medical waste
2	Packages of hyfrophilic cotton	First-aid multilingual instructions	
1	Sterile tweezers		

All the contents of the cupboards are in compliance with the Ministerial decree No. 388 of the 15 July 2003, and the Ministerial decree No. 81 of the 9 April 2008

100/P PLASTIC CUPBOARD

CODE	MODEL	PRICE
CPS520	Complete - With contents	€ 65,33
CAV030	Empty - Only cupboard	€ 40,13

**PLUS CONTENTS ATTACHED 2**

Plastic cupboard in white color, with 3 compartments, 2 inner shelves and snap closures.



Dim. 400x275x127 mm  
Complete Weight 2,4 kg  
Empty Weight 1,3 kg

CONTENTS			
1	Copy DM 15/07/2003	1	Triangular NWf cloth 96x96x136 cm
2	Pairs of sterile gloves	1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Disinfectant bottle 125 ml Povidone-Iodine 10% Iodine PMC	2	Gauze bandages 3.5x10
		1	Pair of scissors cut-bandages
1	Sterile saline solution 250 ml CE	1	Tourniquet
3	Envelopes of cmp. st. gauze 18x40 cm	1	Instant ice pack
3	Envelopes of cmp. st. gauze 10x10 cm	1	Sack for medical waste 250x350 mm
2	Packages of hydrophilic cotton	1	Sterile cloths 40x60 cm DIN 13152-BN
1	PLASTOSAN 20 assorted sticking plasters	1	Sterile preparation of gel for burns 3.5
1	Isothermal blanket gold/silver 160x210 cm	1	Compressed bandage 80x100 mm DIN
1	Sterile tweezers	First-aid multilingual intruction	





## 103/M METAL CUPBOARD

CODE	MODEL	PRICE
CPS522	Complete - With contents	€ 84,93
CAV046	Empty - Only cupboard	€ 70,00

### PLUS CONTENTS ATTACHED 2

Metal cupboard painted in white with epoxy powder. It has 1 inner shelf, 2 compartments and lock with key.



Dim. 370x300x140 mm  
Complete Weight 3,8 kg  
Empty Weight 2,5 kg

CONTENTS			
1	Copy DM 15/07/2003	2	Gauze bandages 3.5x10 cm
2	Pairs of sterile gloves	1	Pair of scissors cut-bandages
1	Flacone disinfettante 500 ml IODOPOVIDONE al 10% iodio PMC	1	Tourniquet
1	Sterile saline solution 250 ml CE	1	Instant ice pack
3	Envelopes of cmp. st. gauze 18x40 cm	1	Sack for medical waste 250x350 mm
3	Envelopes of cmp. st. gauze 10x10 cm	1	Triangular NWf cloth 96x96x136 cm
2	Packages of hydrophilic cotton	1	Isothermal blanket gold/silver 160x210 cm
1	PLASTOSAN 20 assorted sticking plasters	1	Sterile preparation of gel for burns 3.5
1	Sterile tweezers	1	Compressed bandage 80x100 mm DIN
1	Bobbin of adhesive sticking plaster m 5x2.5 cm	2	Sterile cloths 40x60 cm DIN 13152-BR
First-aid multilingual instructions			

## RESTORATION PACK WITH BASE ATTACHED 2 CONTENTS



**B**



CONTENTS			
1	Copy DM 15/07/2003	1	Package of 10 assorted sticking plasters
2	Pairs of sterile gloves	1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Disinfectant bottle 125 ml Povidone-Iodine 10% Iodine PMC	1	Gauze bandage 3.5x10 cm
1	Sterile saline solution 250 ml CE	1	Pair of scissors cut-bandages
1	Envelope of cmp. st. gauze 18x40 cm	1	Tourniquet
3	Envelopes of cmp. st. gauze 10x10 cm	1	Instant ice pack
1	Sterile tweezers	1	Sack for medical waste
1	Package of hydrophilic cotton	First-aid multilingual instructions	

Dim. 240x200x9 mm  
Weight 1 kg

CODE	PRICE
PDM090	€ 24,25


RESTORATION PACK FOR CONTENTS ATTACHED 1

CODE	MODEL	PRICE
PDM091	Attached 1 without sphygmomanometer	€ 75,60
PDM089	Attached 1 BASE	€ 113,40
PDM092	Attached 1 PLUS	€ 130,67
PDM093	Attached 1 PLUS without sphygmomanometer	€ 91,47



CONTENTS	
1	Copy DM 15/07/2003
5	Pairs of sterile gloves
2	Disinfectant bottles 125 ml Povidone-Iodine 10% Iodine PMC
1	Mud-flaps mask
3	Sterile saline solution 500 ml CE
10	Envelopes of cmp. st. gauze 10x10 cm
2	Buste di garza sterile compressa cm 18x40
2	Sterile cloths 40x60 cm DIN 13152-BR
2	Sterile tweezers
1	Package of hydrophilic cotton
2	Packages of 10 assorted sticking plasters
2	Bobbins of adhesive sticking plasters m 5x2.5 cm
1	Case of elastic tubular bandage
2	Sacks for medical waste
1	Clinical thermometer CE
1	PERSONAL sphygmomanometer with phonendoscope
1	Gauze bandage m 3.5x10 cm
1	Pair of scissors cut-bandages
3	Tourniquets
2	Instant ice packs
First-aid multilingual instructions	

RESTORATION PACK FOR PLUS ATTACHED 1 CONTENTS

CONTENTS					
1	Copy DM 15/07/2003	10	Envelopes of 25 comp. sterile gauzes 10x10 cm	1	Case of elastic tubular bandage
3	Packages of hydrophilic cotton	6	Envelopes of cmp. st. gauze 18x40 cm	5	Sacks for medical waste
2	Disinfectant bottles 500 ml Povidone-Iodine 10% Iodine PMC	4	Triangular NWf cloths 96x96x136 cm	1	PINOCCHIO+VENTO complete kit
1	Disinfectant bottle 250 ml	1	Elastic bandage with stop-bandages 7 cm	1	Digital clinical thermometer CE
1	Hydrogen peroxide bottle 250 ml	2	Sterile cloths 40x60 cm DIN 13152-BR	2	Sterile tweezers
1	PLASTOSAN 100 assorted sticking plasters	2	Packages of 10 tissues	5	Pairs of sterile gloves
1	PLASTOSAN 100 assorted sticking plasters 7x2 cm	2	Instant Instant ice packs	1	Mud-flaps mask
3	Tourniquets	1	Isothermal blanket gold/silver 160x210 cm	3	Envelopes of gel for burns 3.5 cm
1	Pair of scissors cut-bandages	1	PERSONAL sphygmomanometer with phonendoscope	 <div>CODEPRICE</div>	
2	Bobbins of adhesive sticking plaster m 5x2.5 cm	3	Sterile saline solution 500 ml CE		
1	Case PIC containing:	1	Package of 8 assorted bandages		
3 small plastic bags of liquid soap 3 s. plastic bags of disinfecting wipes PMC 2 small plastic bags of ammonia wipes		1	EMOCONTROL anti-haemorrhage bandage		

RESTORATION PACK FOR CUPBOARDS COD. 805/M E 605/M

CODE	PRICE
PDM525	€ 156,80

## ATTACHED 3 CONTENTS ALTO ADIGE

### SAFARI BRIEFCASE DPP25

The container is made of ABS and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

Dim. 282x220x112 mm - Complete Weight 2,2 kg - Empty Weight 1,2 kg

CODE	MODEL	PRICE
CPS653	Complete - With contents	€ 75,13
CAV299	Empty - Orange	€ 53,20
CAV302	Empty - Green	€ 53,20
CAV301	Empty - White	€ 53,20

CONTENTS			
1	Copy DM 15/07/2003	2	Gauze bandage n 3.5x10 cm
1	List of contents DPP 25/2005	1	Tourniquet
1	Disinfectant bottle 500 ml Povidone-Iodine 10% Iodine PMC	2	Compressed bandages 80x100 mm DIN13151 M
		2	Compressed bandages 100x120 mm DIN13151 G
1	Sterile saline solution 250 ml CE	1	Instant ice pack
2	Pairs of sterile gloves	1	Sack for medical waste 250x350 mm
3	Envelopes of cmp. st. gauze 10x10 cm	1	Pair of scissors cut-bandages
1	Envelope of cmp. st. gauze 18x40 cm	2	Elastic bandages m 4x8 cm
1	Package of hydrophilic cotton	1	Isothermal blanket gold/silver 160x210 cm
1	Sterile tweezers	1	VENTO mouth-to-mouth resuscitator
1	Bobbin of adhesive sticking plaster 5x2.5 cm	1	PLASTOSAN 10 assorted sticking plasters
First-aid multilingual instructions			



## ATTACHED 3 CONTENTS ALTO ADIGE

### BRIEFCASE MULTISAN DPP25

First-aid kit in accordance with the attached 3 DPP 13/06/2005 (contained in attached 1 and integration of Trentino Alto-Adige). The container is made of ABS and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

CODE	MODEL	PRICE
CPS642	Complete - With contents	€ 212,33
CAV036	Empty - Orange	€ 112,00
CAV137	Empty - Green	€ 112,00
CAV136	Empty - White	€ 112,00

CONTENTS			
1	Copy DM 15/07/2003	2	Instant Instant ice packs
1	List of contents DPP 25/2005	3	Tourniquets
2	Disinfectant bottles 500 ml Povidone-Iodine 10% Iodine PMC	3	Compressed bandages 80x100 mm DIN13151 M
		3	Compressed bandages 100x120 mm DIN13151 G
3	Sterile saline solutions 500 ml CE	2	Sacks for medical waste
5	Pairs of sterile gloves	1	Digital clinical thermometer
10	Envelopes of cmp. st. gauze 10x10 cm	1	PERSONAL sphygmomanometer with phonendoscope
2	Envelopes of cmp. st. gauze 18x40 cm	3	Fringed gauze bandages m 3.5x10 cm
1	Mud-flaps mask	1	Isothermal blanket gold/silver 160x210 cm
2	Sterile cloths 40x60 cm DIN 13152-BR	3	Elastic bandages m 4x8 cm
1	Package of hydrophilic cotton	1	VENTO mouth-to-mouth resuscitator
2	Sterile tweezers	1	Disinfectant bottle 250 ml
1	Case of elastic tubular bandage	1	Pair of scissors cut-bandages
2	Bobbins of adhesive sticking plasters m 5x2.5 cm	2	PLASTOSAN 20 assorted sticking plasters



Dim. 443x338x147 mm  
Complete Weight 8,3 kg  
Empty Weight 3,3 kg

ATTACHED 3 CONTENTS ALTO ADIGE

CUPBOARD 103/M DPP25



Cupboard painted in white with epoxy powder that have 1 inner shelf, 2 compartments and lock with key.

CODE	MODEL	PRICE
<b>CPS264</b>	Complete - with contents	€ 81,67
<b>CAV046</b>	Empty	€ 70,00



CONTENTS			
1	Copy DM 15/07/2003	2	Gauze bandages m 3,5x10 cm
1	List of contents DPP 25/2005	1	Tourniquet
1	Disinfectant bottle 125 ml Povidone-Iodine 10% Iodine PMC	2	Compressed bandages 80x100 mm DIN13151 M
		2	Compressed bandages 100x120 mm-DIN13151 G
1	Sterile saline solution 250 ml CE	1	Instant ice pack
2	Pairs of sterile gloves	1	Sack for medical waste 250x350 mm
3	Envelopes of cmp. st. gauze 10x10 cm	1	Pair of scissors cut-bandages
1	Envelope of cmp. st. gauze 18x40 cm	2	Elastic bandages m 4 x 8 cm
1	Package of hydrophilic cotton	1	Isothermal blanket gold/silver 160x210 cm
1	Sterile tweezer	1	VENTO mouth-to-mouth resuscitator
1	Bobbin of adhesive sticking plasters m 5x2.5 cm	1	PLASTOSAN 10 assorted sticking plasters
First-aid multilingual instructions			

Dim. 370x300x140 mm - Complete Weight 8,3 kg - Empty Weight 3,3 kg

ATTACHED 3 CONTENTS ALTO ADIGE

CUPBOARD 605/M DPP25



First-aid kit in accordance with the attached 3 DPP 13/06/2005 (contained in attached 1 and integration of Trentino Alto-Adige). The cupboard is made of carbon steel, painted in epoxy-polyester kiln firing process at 180°, round boards, 3 steel innershelves, a closet doors is provided with 3 accessory-holders, removable base bottles-holders, lock with key.

CODE	MODEL	PRICE
<b>CPS500</b>	Complete - With contents	€ 212,33
<b>CAV605</b>	Empty	€ 140,00



Dim. 402x202x483 mm  
Complete Weight 11,7 kg  
Empty Weight 6,3 kg

CONTENTS			
1	Copy DM 15/07/2003	2	PLASTOSAN 20 assorted sticking plasters
1	List of contents DPP 25/2005	1	Pair of scissors cut-bandages
2	Disinfectant bottles 500 ml Povidone-Iodine 10% Iodine PMC	3	Compressed bandages 80x100 mm DIN13151 M
		3	Compressed bandages 100x120 mm DIN13151 G
3	Sterile saline solution 500 ml CE	3	Tourniquets
5	Pairs of sterile gloves	2	Instant Instant ice packs
10	Envelopes of cmp. st. gauze 10x10 cm	2	Sacks for medical waste
2	Envelopes of sterile gloves 18x40	1	Digital clinica thermometer CE
1	Mud-flaps mask	1	Disinfectant bottle
2	Sterile cloths 40x60 cm DIN 13152-BR	3	Fringed gauze bandages m 3,5x10 cm
1	Package of hydrophilic cotton	1	Isothermal blanket gold/silver 160x210 cm
2	Sterile tweezers	3	Elastic bandages m 4x8 cm
1	Case of elastic tubular bandage	1	VENTO mouth-to-mouth resuscitator
2	Bobbins of adhesive sticking plasters m 5x2.5 cm	1	PERSONAL sphygmomanometer with phonendoscope
First-aid multilingual instructions			



## D-KIT FIRST-AID BRIEFCASE TAB D

## CONTAINER

Certificated IP67 briefcase to ensure the resistance to water and powders and a secure protection of the content against the atmospheric agents. These briefcases are provided with an hermetic seal, an automatic valve of pressurisation, a soft handle for a safe handhold, a double-step security lock, a double arrangement for padlocks, a joint alongside all the contour of the briefcase and nylon keystone.



CODE	PRICE
CPS230	€ 466,67



## CONTENTS

1	Hydrogen peroxide bottle 250 ml
1	AMBU (auxiliary manual breathing unit) for adult
1	Oro-nasal mask for children cal.2
1	Oro-nasal mask for adult cal.5
1	Nitrile tourniquet
1	Latex free haemostat belt
10	Fringed stripe 10 cm thick
1	Instant ice pack
2	Sticking plasters 10x6 cm
1	Pressurized cotton 1000 g
1	Lister scissors
1	Lister scissors DIN 19 cm
5	Envelopes of cmp. st. gauze 18x40 cm
5	Envelopes of cmp. st. gauze 20x20 cm (5x5)
1	Pair of sterile nitrile gloves L
5	Pairs of sterile copolymer gloves M
1	Mini container for needles recovery
1	PERSONAL sphygmomanometer with phonendo-scope
1	Plate stethoscope
1	Alluminium/sponge splint
1	First-aid multilingual instructions

COPY OF THE MINISTERIAL DECREE with a list of the medical specialties that have to be acquired in pharmacy by the end-user

## UTILISATION:

- Ships qualified for local coastal fishing
- Ships qualified for close-range coastal fishing

Weight: 6 Kg

Dimensions: 464x366xx176H mm

## A-KIT FIRST AID BRIEFCASE TAB A

## CONTAINER

Certificated IP67 briefcase to ensure the resistance to water and powders and a secure protection of the content against the atmospheric agents. These briefcases are provided with an hermetic seal, an automatic valve of pressurisation, a soft handle for a safe handhold, a double-step security lock, a double arrangement for padlocks, a joint alongside all the contour of the briefcase and nylon keystone.



CODE	PRICE
CPS231	€ 597,33



## CONTENTS

1	Hydrogen peroxide bottle 250 ml	3 Sterile hydrophilic gauze 20x20 cm
3	Disinfectant benzalkonium chloride 1 lt	10 Packages of vinyl gloves 4 pcs. s.L
1	AMBU (auxiliary manual brathing unit) for adult	1 Pair of sterile copolymer gloves s.M
1	Oro-nasal mask for children cal.2	1 Package of 50 surgical masks
1	Oro-nasal mask for adult cal.5	1 Mini container for needles recovery
1	Guedel cannula CAL 4 90 mm	1 PERSONAL sphugmomanometer with phonendoscope
1	Guedel cannula CAL 3 80 mm	1 Phonendoscope
1	Guedel cannula CAL 2 70 mm	1 Alluminum/sponge splint
1	Guedel cannula CAL 1 60 mm	1 Digital thermometer
1	Plastic tongue holding forceps	First-aid multilingual instructions
10	Sterile syringe 10 cc	COPY OF THE MINISTERIAL DECREE with a list of the medical specialities that have to be acquired in pharmacy by the end-user
2	Nitrile flat tourniquet	
1	Haemostatic latex free belt	
5	Fringed thick bandage 10 cm	
1	Instant ice pack	
8	Instant heat packs	OBLIGATORY ONLY FOR THE SHIPS WHICH TAKE PASSENGER ON BOARD: 1 Pulse ox
1	PLASTOSAN sticking plaster 10x6 cm	
1	Pressurized cotton 125 g	
10	Lister scissors	
10	Lister scissors CM.19 DIN	
1	Sterile hydrophilic gauze 18x40 cm	

## UTILISATION:

- Coastal navigation
- National and International coastal navigation
- Local navigation
- Close-range coastal fishing
- Yachting navigation without limits
- Yachting navigation

Weight: 11,40 Kg  
Dimension: 555x428x211h mm

## NAUTIKIT BRIEFCASE

## CONTAINER

Briefcase completed with upgraded contents for first-aid. This is recommended for vessels up to 10 mt long and which navigate within 12 miles from the coast. Orange polypropylene briefcase, closure with 2 click-stops, handle for transports, suitable tracks for an eventual fixing on the wall with screws/dowels (not supplied). The fixing is not permanent, therefore, if necessary the kit can be taken and stowed easily.



CONTENTS	
6	Envelopes of cmp. st. gauze 18x40 cm
3	Envelopes of cmp. st. gauze 10x10 cm
1	Disinfectant bottle 125 ml Povidone-Iodine
3	Ammonia wipes
2	STOP wipes for insect bites
1	Package of hydrophilic cotton
3	Hydrophilic bandages m 3.5x10 cm
2	Elastic bandages m 4x8 cm
2	Idrogel envelopes single-use for burns 3.5 g
1	Case of 40 sticking plasters DRY SKIN
1	Bobbin of sticking plaster in NWf m 5x2.5 cm
1	Pair of scissors cut-bandages
1	Haemostatic latex free tourniquet
1	Isothermal blanket gold/silver COP216
2	Pairs of sterile gloves
1	Splint 22x3 cm
1	Instant ice pack
1	First-aid multilingual instructions

CODE	PRICE
CPS300	€ 52,27

## UTILISATION:

- Vessels up to 10 meters long which navigate within 12 miles from the coast



Dimension: 290x215x90 mm

## TRIX BRIEFCASE

CONTENTS	
2	Envelopes of cmp. st. gauze 18x40 cm
1	Pair of scissors
1	Tweezers for medical treatment
1	Sterile cloth 60x40
1	Package of hydrophilic cotton 5 g
1	Package of 10 sticking plasters
1	Package of tissues
3	Disinfectant alcohol wipes
1	Adhesive bandage 10x6 cm
1	Hydrophilic gauze bandage
1	Bobbin of sticking plaster 1x2 cm
1	Pair of sterile protective gloves
1	Little sponge
First-aid multilingual instructions	



CODE	MODEL	PRICE
CPS011	Complete - With contents	€ 14,93
CAV038	Empty - Available in different colors	€ 4,90



Briefcase in polypropylene with handle for transports and closure with 2 click-stops.

Dim. 235x190x43 mm - Complete Weight 0,3 kg  
Empty Weight 0,15 kg

CONTENTS	
1	Triangular NWf cloth 96x96x136 cm
2	Adhesive bandages 10x6 cm
1	Pair of scissor 10 cm
1	Tweezers for medical treatment
1	Package of hydrophilic cotton 20 g
1	Package of 10 assorted sticking plasters
2	Gauze bandages 7 cm
1	Bobbin of sticking plaster m 5x2.5 cm
1	Pair of protective gloves
2	Envelopes of sterile pressurized NWf 10x10cm
1	Instant ice pack
First-aid multilingual instructions	



Dim. 263x170x83 mm  
Complete Weight 0,6 kg  
Empty Weight 0,3 kg



Dim. 263x170x83 mm - Complete Weight 0,7 kg  
Empty Weight 0,3 kg



PLASTIC CASE

EUROKIT STD

CODE	MODEL	PRICE
CPS291	Complete - With contents	€ 24,64
CAV306	Empty - Red color	€ 7,47
CAV200	Empty - White color	€ 7,47

Ideal for first-aid and minor injuries. This is a helpful completion for private or service cars, for free time and do it yourself activities, camping etc...



## EUROKIT DIN 13164 B

CONTENTS	
8	Adhesive bandages 10x6 cm
1	Bobbin of sticking plaster m 5x2.5 cm
2	Gauze bandages m 6x4 cm DIN 61634
3	Gauze bandages m 8x4 cm DIN 61634
1	Pair of scissors cut-bandages 14.5 cm DIN
1	Package of 4 vinyl gloves
1	Sterile cloth NWf 60x80 cm DIN 13152 A
2	Sterile cloths NWf 60x40 cm DIN 13152 BR
3	Sterile compressed gauzes 80x100 mm DIN 13151 M
1	Sterile compressed gauze 100x120 mm DIN 13151 G
3	Sterile swabs in NWf 10x10 cm
2	Triangular NWf cloths 96x96x136 cm DIN 13168 D
1	Isothermal blanket
First-aid multilingual instructions	

Dim. 263x170x83 mm - Complete Weight 0,7 kg  
Empty Weight 0,3 kg

CODE	PRICE
CPS222	€ 33,60



Plastic container with 2 click-stops latch.

SERIE DIN 13164 B - CONTENTS IN ACCORDING TO GERMAN STANDARDS. The briefcase is in compliance with respective European standards, because in some nations (Germany for example), it is obligatory to have a first-aid kit in your vehicle, for every emergency.

## SOFT BAG DIN 13164 B

Nylon tear-resistant handbag, zip latch.

SERIE DIN 13164 B - CONTENTS IN ACCORDING TO GERMAN STANDARDS. The briefcase is in compliance with respective European standards, because in some nations (Germany for example), it is obligatory to have a first-aid kit in your vehicle, for every emergency.



CONTENTS			
2	Sterile cloths NWf 60x40 cm DIN 13152-BR	8	Adhesive bandages 10x6 cm
3	Sterile compressed gauzes 80x100 mm DIN	1	Bobbin of sticking plaster m 5x2.5 cm
2	Gauze bandages m 6x4 cm DIN 61634	1	Package of 4 vinyl gloves
3	Gauze bandages m 8x4 cm DIN 61634	3	Sterile NWf swabs 10x10 cm
1	Pair of scissors cut-bandages 14.5 cm DIN	1	Isothermal blanket
1	Sterile compressed gauze 100x120 mm DIN 13151 G	2	Triangular NWf cloths 96x96x136 cm DIN 13168 D
1	Sterile cloth NWf 60x80 cm DIN 13152-BR	First-aid multilingual instructions	

Dim. 260x172x82 mm - Complete Weight 0,7 kg  
Empty Weight 0,2 kg



CODE	PRICE
CPS685	€ 30,80

## SOFTKIT HANDBAG

Red polyester handbag. Double zip.

CODE	MODEL	PRICE
CPS674	Softkit	€ 13,07
CPS820	Case for display	€ 14,93
ESP820	Complete 30 pieces for display	€ 448,00



Dim. 150x130x50 mm - Weight 200 g



## CONTENTS

1	Pair of sterile gloves	1	Pair of scissors
1	Elastic bandage m 6x4 cm	1	Bobbin of adhesive sticking plaster
2	Envelopes of disinfectant liquid soap 5 ml	1	10 plasters case of different sizes
3	Alcohol wipes	2	Envelopes of sterile gauze
1	Package of 10 tissues	1	Tourniquet
1	Tweezers	First-aid multilingual instructions	

Ideal for first-aid and minor injuries. This is a helpful completion for private cars, for free time and do it yourself activities etc...

## SOFTKIT HANDBAG MOTO DIN 13167

Nylon red handbag, double zip belt loop, cross symbol and "FIRST-AID" white writings in 3 languages (IT, FR, GB). Provided in a single carton case with windows and descriptions in 4 languages (IT, FR, GB, ES) and barcode EAN13.



CODE	MODEL	PRICE
CPS140	Softkit Moto DIN 13167	€ 20,53
ESP140	Complete 30 pcs for display	€ 660,80



## CONTENTS

1	Adhesive tape m 5x2.5 cm DIN13019-A	1	Pair of scissors 14.5 cm DIN58279 A145
1	Package of assorted sticking plasters	1	Pair of gloves DIN EN 455-1
1	Sterile gauze 8x10 cm DIN13151-M	2	Wet wipes
1	Sterile gauze 10x12 cm DIN13151-G	1	List of contents
1	Sterile compress DIN13152-BR	First-aid multilingual instructions	

Dim. c.a. 150x130x50 mm

SERIE DIN 13167 - CONTENTS IN ACCORDING TO GERMAN STANDARDS  
The briefcase is in compliance with respective European standards, because in some nations (Germany for example), it is obligatory to have a first-aid kit in your vehicle, for every emergency.

## POCKET KIT



## PLASTIC CONTAINER

CODE	MODEL	PRICE
CPS192	Pocket Kit	€ 8,96
CPS151	PROMO version with isothermal blanket	€ 11,57



Dim. 128x95x45 mm - Complete Weight 0,15 kg - Empty Weight 0,07 kg

CONTENTS			
1	Adhesive sticking plaster 10x6 cm	2	Sterile gauzes 18 x 40 cm
5	Medical sticking plasters 7x2 cm	1	Pair of scissors
3	Disinfectant wipes	1	Gauze bandage 7 cm
3	Alcohol wipes	2	Envelopes of sterile gauze
1	Package of 10 tissues	1	Tourniquet
1	Tweezers	First-aid multilingual instructions	

Ideal for first-aid and minor injuries. Supplied with an isothermal blanket. This is a helpful completion for free time and do ti yourself activities, camping, trekking etc...

It is the smallest of the series. Ideal for first-aid and minor injuries. This is a helpful completion for private cars, for free time and do ti yourself activities etc...

## MINISAN CASE

The container is made of plastic and composed of 2 egal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

CODE	MODEL	PRICE
CPS010	Complete - With contents	€ 27,07
CAV037	Empty - Orange color	€ 20,07
CAV291	Empty - Green color	€ 20,07
CAV290	Empty - White color	€ 20,07



Dim. 185x144x78 mm - Complete Weight 0,8 kg - Empty Weight 0,45 kg



CONTENTS			
1	Pair of protective gloves	5	Alcohol wipes
2	Envelopes of cmp. st. gauze 18x40 cm	1	Tweezers for medical treatment
1	Package of hydrophilic cotton	1	Pair of scissors
1	Bobbin of sticking plaster m 5x1.25 cm	1	Package of 10 sticking plasters
1	Bandage 5 cm	1	Adhesive bandage 10x6 cm
1	Sterile bandage with swab 80x100 mm	First-aid multilingual instructions	

## MEDISAN BRIEFCASE

The container is made of plastic and composed of 2 equal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.



Ideal for first-aid and minor injuries. This is a helpful completion for private cars, for free time and do ti yourself activities etc...

CONTENTS			
1	Sterile NWf cloth 40x60 cm	12	Safety pins
4	Envelopes of cmp. st. gauze 18x40 cm	1	Tweezers for medical treatment
1	Package of hydrophilic cotton	1	Gauze bandage 7 cm
1	Bobbin of sticking plaster m 5x1.2 cm	3	Adhesive bandages 10x6 cm
2	Gauze bandages 5 cm	1	Pair of scissors
1	Sterile bandage with swamb 80x100 mm	1	Tourniquet
1	Sterile bandage with swamb 100x120 mm	1	Pair of protective gloves
1	Package of 10 sticking plasters	1	PIC 3 case with 8 assorted wipes
1	Triangular cloth 96x96x136 cm	First-aid multilingual instructions	



CODE	MODEL	PRICE
CPS042	Complete - With contents	€ 44,80
CAV043	Empty - Orange color	€ 34,77
CAV144	Empty - Green color	€ 34,77
CAV143	Empty - White color	€ 34,77



Dim. 235x200x87 mm - Complete Weight 1,1 kg - Empty Weight 0,75 kg

## MEDIC BRIEFCASE 0



Ideal for first-aid and minor injuries. This is a helpful completion for private or service cars, for free time and do ti yourself activities, camping etc...

CONTENTS	
1	Triangular cloth 96x96x136 cm
1	Package of hydrophilic cotton
3	Disinfectant wipes
1	Bendage 7 cm
1	Bobbin of sticking plaster m 5x1.25 cm
2	Envelopes of cmp. st. gauze 18x40 cm
1	Package of 10 sticking plasters
3	Pairs of scissors
1	Pair of protective gloves
1	Little sponge
First-aid multilingual instructions	

CODE	MODEL	PRICE
CPS286	Complete - With contents	€ 18,29
CAV280A	Empty - Orange color	€ 7,70
CAV280	Empty - Green color	€ 7,70
CAV280B	Empty - White color	€ 7,70

Dim. 180x135x65 mm - Complete weight 0,5 kg

Empty Weight 0,2 kg

Plastic container, supplied with wall brackets.



## SNAKY KIT



## SOFT CONTAINER



Ideal for first-aid in case of snake and insect bites. Essential for excursionists and campers, for trekking activity and others which imply this kind of dangers.



CODE	PRICE
SNK212	€ 33,60



CONTENTS			
1	Suction pump	3	SOFFIX MED sterile medical treatment 5x7 cm
1	Elastic bandage 4x8 cm DIN 61634	1	Envelope 20x20 cm sterile hydrophilic gauze (ply 5x5 cm)
1	Plate tourniquet	1	PLASTOSAN sticking plaster 10x6 cm
1	Triangular NWf cloth 96x96x136 cm	2	Disinfectant wipes PMC
3	Single sterile gauzes 18x40 cm	1	Bobbin of adhesive sticking plaster m 5x1.25 NWf
		1	HUNTER splinters removal pencil

Dim. 128x95x45 mm - Complete Weight 0,2 kg - Empty Weight 0,08 kg

## OLIMPIA HACCP - ATT. 2

**UTILISATION:**

Ideal for companies which operate in food and catering sector. The content is designed to be immediately available in case of accidental contact and food contamination. These products are detectable by metal detector. The contents can be used in the context of the HACCP system, and they provide specific products for burns.

CODE	PRICE
CPS100	€ 112,00

**CONTAINER:**

Briefcase made of impact resistant plastic. Blue color. It is equipped with a handle for transports, wall brackets and latch with two rotating clips.



Empty Weight 1,6 Kg  
Complete Weight 2,6 Kg  
Dim 335x250x123 mm



CONTENTS	
1	Copy of ministerial decree 388 15/07/2003
2	COPOLIM Pairs of sterile gloves. s.OS
1	Disinfectant bottle 125 ml Povidone-Iodine 10% Iodine
1	Saline solution 250 ml / CE
1	Envelope of cmp. st. gauze 18x40 cm
3	Envelopes of cmp. st. gauze 10x10 cm
1	Sterile tweezers
1	Package of hydrophilic cotton
1	Package of 10 assorted sticking plasters
1	Bobbin of adhesive sticking plaster m 5x2.5 cm
1	Gauze bandage m 3.5x10 cm
1	Pair of scissors
1	Tourniquet
1	Instant ice pack
1	Sack for medical waste
1	First-aid multilingual instructions
10	Latex finger stalls s.L
1	Blue adhesive bandage Soft next 6x100 cm
5	Envelopes of sterile gel for burns 3.5 g
2	Sterile compressed bandages 80x100 cm
1	Package of 100 assorted sticking plasters Blue detect
5	CLOREXIDINA wipes
1	Triangular NWf cloth 96x96x136 cm
1	Stopper of sterile solution for eye wash

## MULTISAN HACCP - ATT.1

**UTILISATION:**

Ideal for companies which operate in food and catering sector. The content is designed to be immediately available in case of accidental contact and food contamination. These products are detectable by metal detector. The contents can be used in the context of the HACCP system, and they provide specific products for burns.

CODE	PRICE
CPS101	€ 238,93

**CONTAINER:**

Briefcase made of impact resistant plastic. Blue color. It is equipped with a handle for transports, wall brackets and latch with two rotating clips.



Dim. 443x338x147 mm - Complete Weight 8,3 kg - Empty Weight 3,3 kg

**CONTENTS**

1	Copy of ministerial decree 388 15/07/2003
5	Pairs of sterile gloves
1	Mud-flaps mask
3	Sterile saline solutions 500 ml CE
2	Disinfectant bottles 500 ml Povidone-Iodine 10% Iodine PMC
10	Envelopes of cmp. st. gauze 10x10 cm
2	Envelopes of cmp. st. gauze 18x40 cm
2	Sterile cloths 40x60 DIN 13152-BR
2	Sterile tweezers
1	Package of hydrophilic cotton
1	Case of elastic tubular bandage
2	Packages of 10 assorted sticking plasters
2	Bobbins of adhesive sticking plasters m 5x2.5 cm
1	Pair of scissors cut-bandages
3	Tourniquets
2	Instant ice pack
2	Sacks for medical waste
1	Clinical thermometer
1	PERSONAL sphygmomanometer with phonendoscope
1	First-aid multilingual instructions
1	Fringed cellophane bandage m 3.5x10 cm
1	Compressed sterile bandage 80x100 M
1	Compressed sterile bandage 100x120 G
2	Triangular NWf cloths
12	Safety pins calibre 1 38 mm
1	EMOCONTROL anti-hemorrhagic bandage
1	Stopper of sterile solution for eye wash
10	Latex finger stalls s.L
1	ASSORTED BLUE detectable 100 pcs.
10	Sterile gel for burns 3.5 g
2	VENTO mouth-to-mouth resuscitator
1	Package of blue adhesive bandage SOFT Next 6x100 cm



## DISPENSER PER PLASTERS "BOLERO"

Dispenser for sticking plasters ready-to-use. The dispenser has been designed in order to extract and attach the plaster on the injured part using only one hand. This innovative system of security lock shall give access at the package of plasters only with the specific included key. The transparent cover prevent the entry of dust or others polluting agents, and at the same time, allows the control of the remaining plasters.



CODE	VERSION	PLASTERS REFILS	PRICE
DIS080	Dispenser + 2 refils of detectable blue plasters	1 = 42 pcs. (19x72) 1 = 36 pcs. (25x72)	€ 47,60
DIS061	Empty dispenser		€ 25,20

Misure dispenser: 230x120x38 mm Peso: 220 g

## "PLASTOSAN JET" PLASTERS

CODE	VERSION	SIZES	PRICE
CER450	6 refils of 42 fabric type	mm. 19x72	€ 56,00
CER451	6 refils of 36 fabric type	mm. 25x72	€ 56,00
CER460	6 refils of 42 blu detectable	mm. 19x72	€ 67,20
CER461	6 refils of 36 blu detectable	mm. 25x72	€ 67,20



Also available in the blue detectable version, for food companies utilisation.

## BLUE AUTO-TIGHT PLASTER SOFT NEXT

Plaster mad of an innovative auto-tight bandage of easy application (with one hand). The bandage/plaster can be applied in the required measure thus preventing any waste. The product is waterproof, elastic and soft. Its application doesn't affect the movements and it is made of a porous material that permit a good and easy ventilation of th injured part without leaving any residue after the utilisation.



Package: Bobbin of m 6x4.5 cm latex free

CODE	PRICE
CER061	€ 22,87

CODE	PRICE
DIS015	€ 52,27

## EXTRALONG PLASTER

For food use, indicated for companies which produce food and catering.

Indicated for special conditions of work in which the product requires a strong endurance.

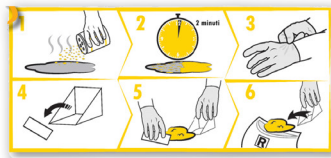


CODE	VERSION	PRICE
CER032	Flesh-colored 100 plasters 18x2 cm	€ 22,40
CER143	Blu Detectable 50 plasters 18x2 cm	€ 15,68



KIT - BODY FLUIDS COLLECTION

Product particularly indicated for places such as: hospitals, dental offices, nursing homes, private hospitals, blood sampling rooms, schools. Recommended for companies which are responsible of passenger transport.



Emergency kit for the collection of body fluids, urine blood and vomit... The content of this kit has an high absorbent capacity and when these products come into contact with the liquid mass, they are able to turn it in a gelatinous mass that can be gathered leaving no residues. The absorption and the thickening act in 3/5 minutes.

CODE	PRICE
CPS614	€ 62,53

Dim. 285x210x87H mm Weight 800 g.



CODE	ABSORBENT POWDER	PRICE
PUV050	50 ml.	€ 5,46
PUV500	500 ml.	€ 44,80

CONTENTS	
2	Envelopes of absorbent powder
1	Small shovel + tray
2	Sacks for waste collection
1	Pair of gloves
1	Mud-flaps mask
1	Disinfectant for surfaces
1	Hand disinfectant
3	Cleaning rag
3	Alcohol wipes



MULTISAN SPORT BRIEFCASE

The container is made of ABS and composed of 2 egal parts, each part is completed with glasses and separators in order to provide a better casing of products. It is supplied with wall brackets. Latch with two rotating clips. Hermetic sealed guaranteed by neoprene seals.

CODE	PRICE
CPS281	€ 179,20



CONTENTS					
1	Package of hydrophilic cotton 50 g	2	Elastic bandages with stop-bandages 10 cm	1	Package of 20 sticking plasters
1	Disinfectant bottle 250 ml	1	Elastic bandage with stop-bandage 5 cm	5	Adhesive bandages 10x6 cm
2	Bobbins of sticking plasters m 5x2.5 cm	3	Packages of 2 sterile NWf compresses 10x10	6	Packages of sterile hydrophilic gauze 18x40 cm
1	Aluminium splint	2	Elastic bandages with stop-bandages 7 cm	2	Splints
2	VENTO mouth-to-mouth resuscitator	1	Pair of scissors cut-bandages 14,5 cm DIN	1	Case of elastic tubular bandage
1	Isothermal blanket	2	Sterile compressed bandages 80x100 mm	5	Instant ice packs
2	Bottles of spray ice	2	Sterile compressed bandages 100x120 mm	1	Tourniquet
3	Triangular NWf cloths 96x96x136 cm	1	Sterile NWf cloth for burns 40x60 cm	1	Tweezers for sterile medication
2	Gauze bandages 7 cm	1	Sterile NWf cloth for burns 60x80 cm	5	Ammonia wipes
1	Bottle of hydrogen peroxide	1	Sterile saline solution bottle 250 ml	2	Pairs of protective gloves
				First-aid multilingual instructions	

Dim. 443x338x147 mm - Complete Weight 6,9 kg - Empty Weight 3,3 kg



## KIT FOR BURNS

Plastic briefcase with wall brackets, handle for transport and latch with two rotating clips.



## CONTENTS

3	Sterile gel for burns 3.5 g
1	Sterile anti-burns compress 10x10 cm
1	Pair of Lister scissors 19 cm DIN
1	Sterile saline solution bottle 500 ml
2	Single-use sterile tweezers
1	Bobbin of sticking plaster m 5x2.5 cm
2	Sterile NWf cloths 40x60 cm
2	Bandage with non-stick swab 100x120 cm
1	Triangular NWf cloth 96x96x136 cm
2	Sterile adhesive ocular compresses
2	Packages of 2 sterile compresses 10x10 cm
2	Pairs of sterile gloves

Dim. 250x190x90 mm Complete Weight 2 kg  
Empty Weight 0,4 kg

CODE	PRICE
CPS358	€ 74,67



First-aid kit, indispensable for all kind of companies and for vehicles in which the transport implies a risk of accidental burns. This kit contains the necessary for a first emergency medication. The treatments are indicate for a temporary first-aid premedical use on burns and sunburns. They provide the skin with the necessary water support and they also cool the body and alleviates the pain. That process minimizes burn traumas and decreases the risk of infections.

## MEDICATIONS FOR BURNS



Sterile gel pack for  
burns 3,5 g

CODE	SIZES	PRICE
GAZ101	Gauze 10x10 cm	€ 11,57
PRE002	Gel pack 3,5gr	€ 1,49
PRE010	Case 10 packs	€ 13,44



BURNFREE gel gauze  
for burns

## SHERPA RUCKSACK

CONTENTS			
1	Isothermal blanket gold/silver	2	Instant ice packs
1	Boston set of 4 conformable pieces	3	Sterile single-use syringes
1	Sphygmomanometer with phonendoscope	2	Emocontrol compressed bandages for haemorrhages
1	PINOCCHIO helical gag	6	Sterile bandages with swab 80x100 mm
1	Aisbag reanimation bag	1	Tongue holding forceps
2	Oro-nasal masks (1 cal. 3 - 1 cal. 5)	2	Envelopes of strl. strips for cutaneous sutures
3	Sterile guedel cannulas (cal. 1 - 2 - 3)	2	Elastic bandages of 10 cm
5	Envelopes of 2 sterile NWf compresses 10x10 cm	1	Disinfectant bottle 250 ml
4	Sterile NWf cloths (2 60x40 cm - 2 60x80 cm)	3	Sterile tweezers
1	Latex tourniquet	2	Sterile single-use scalpel
1	Latex free haemostatic belt	1	Suction pump
2	Bobbins of cloth sticking plaster m 5x2.5 cm NWf	12	Safety pins
8	Hydrophilic gauze bandages (4 of 5 cm - 2 of 7 cm - 2 of 10 cm)	2	Triangular NWf cloths 96x96x136 cm
1	Pair of scissors cut-bandages 14,5 cm DIN	2	Packs of 2 protective gloves
10	Alcohol wipes	2	Sterile ocular compresses
1	Pair of scissors cut-bandages 19 cm DIN	1	Stainless splinters removal pencil
1	Hydrogen peroxide bottle	5	VENTO mouth-to-mouth resuscitator
1	Package of hydrophilic cotton 50 g	2	Eyewash solution 500 ml + stopper
5	Ammonia wipes	1	Pocket mask
1	Package of 20 sticking plasters	2	Sterile gauzes for burns 10x10 cm
8	Adhesive bandages 10x6 cm	1	Philly collar adult-paediatric
		First-aid multilingual instructions	

Professional nylon high-resistance and waterproof rucksack with reflective patch, 2 compartments (one external and one internal), and retractable belts. It includes 4 nylon handbags in different colors for a rational case of products and transparent plastic windows for a rapid visualization of the contents.



Dim. 520x320x240 mm - Complete Weight 6 kg  
Empty Weight 2 kg

CODE	MODEL	PRICE
CPS096	Complete - With contents	€ 672,00
CAV001	Empty	€ 186,67



THE CONTENTS ARE SUITABLE FOR "COMUNITÀ MONTANA" CORPS, FIRE DEPARTMENTS, STATE FORESTRY CORPS, DEMANDING EXCURSIONS, ETC...

## TRAUMA BAG

CONTENTS			
1	Silicone AMBU (auxiliary manual brathing unit)	2	Wipes for insect bites
1	Silicone oro-nasal mask cal.5	1	Sterile saline solution 500 ml
1	Sterile guedel cannula	10	Disinfectant wipes
1	PINOCCHIO helical gag	2	Instant ice packs
1	Tongue holding forceps	1	Clinical thermometer
1	POCKET MASK mouth-to-mouth resuscitator mask	1	Sphygmomanometer with phonendoscope
8	Hydrophilic gauze bandages	2	Tourniquets
4	Elastic bandages	8	Single-use sterile syringes
2	Sterile NWf cloths (1 60x40 cm - 1 60x80 cm)	1	Pair of stainless scissors 11.5 cm
1	Emocontrol compressed bandage for haemorrhages	1	Pair of scissors cut-bandages 19 cm DIN
3	Sterile bandages with swab 80x100 mm	3	Sterile tweezers
2	Sterile bandages with swab 100x120 mm	1	Stainless splinters removal pencil
5	Sterile compresses 10x10 cm	1	KLEMMER stainless haemostatic tweezers
6	Sterile compresses 18x40 cm	2	Single-use razors for trichotomy
2	Sterile adhesive ocular compresses	2	Sterile single-use scalpels
2	Triangular NWf cloths 96x96x136 cm	2	Envelopes of needles for sutures with strings
8	Adhesive bandages 10x6 cm	1	Suction pump
1	Package of 20 assorted sticking plasters	12	Safety pins
2	Bobbins of cloth sticking plaster 5x2.5 cm	1	Curved basin
2	Envelopes of sterile strips for cutaneous sutures	2	Envelopes of 2 protective gloves
1	Case of elastic net	2	Mud-flaps mask
2	SOFFIX MED rapid sterile adhesive medical treatment 10x15 cm	2	Isothermal blanket
1	Gel gauze for burns 3.5 g	3	Sacks for medical waste
3	Packs of gel for burns 3.5 g	1	SNAP LIGHT for warning
1	BOSTON mouldable splints	1	Disinfectant bottle 125 ml Povidone-Iodine
1	Latex free haemostatic belt	First-aid manual 24 pages	



Strong nylon handbag with reflective patch, zip latch and 4 compartments: the central one with 2 internal sector, 2 lateral and 1 frontal pockets the latter with compartments and elastics for little objects and tools. The inferior part of the handbag is reinforced and has fixing brackets, handles and 2 belts for shoulder transports.

CODE	MODEL	PRICE
CPS451	Complete - With contents	€ 672,00
BPS270	Empty	€ 186,67

THIS CONTENTS ARE SUITABLE FOR FIRE DEPARTMENTS, STATE FORESTRY CORPS, PARAMEDICAL PERSONAL, ETC...

Dim. 470x330x280 mm - Complete Weight 5 kg  
Empty Weight 1,5 kg





## EUROKIT - SMALL LIMBS RECOVERY

KIT FOR THE RECOVERY AND THE PRESERVATION OF SMALL LIMBS. THIS INCLUDE THE NECESSARY FOR THE PRESERVATION OF A LIMB ON THE WAY FOR THE EMERGENCY ROOM. IT IS USEFUL FOR ALL THE COMPANIES IN WHICH WORKS WITH AMPUTATION RISKS ARE CARRIED OUT.



Green plastic case with wall brackets support.

CODE	MODEL	PRICE
PV0392	Complete - With contents	€ 56,00
CAV411	Empty - Green	€ 7,47

Dim. 263x170x83 mm  
Complete Weight 0,7 kg  
Empty Weight 0,2 kg



CONTENTS	
2	Instant ice packs
1	Emocontrol bandage for haemorrhage
1	Isothermal blanket gold/silver
1	Heat sack 200x250 mm with air-tight stopper
1	Pair of sterile gloves
10	Envelopes of sterile compressed gauze 30x30 cm



## EXPLORER BRIEFCASE



CODE	MODEL	PRICE
CPS452	Complete - With contents	€ 522,67
CAV022	Empty	€ 151,67

SUITABLE FOR THE UTILISATION IN EXTREME CONDITIONS. IT IS EXTREMELY STURDY AND CAN BE USED IN THE MOST ADVERSE WEATHER CONDITIONS THAT YOU CAN FIND FOR INSTANCE ON OIL PLATFORMS, ON HIGH MOUNTAIN DURING HIKING ETC... TIGHTNESS GUARANTEED

Artificial resin briefcase of high quality, airtight closure and perfect tightness against sand, dust, water and corrosive agents, resistant against impacts, crushings and low/high temperatures. Supplied with strong handle, pressurized closures and predisposition for a potential lock. Seal made of neoprene and pressurization valve that ensures a quick settling of the internal pressure in case of sudden variations of altitude or temperature. Available in bigger sizes if requested.

Dim. 380x270x180 mm - Complete Weight 7 kg - Empty Weight 3 kg

## CONTENTS

1	Silicone AMBU (auxiliary manual brathing unit)	1	Latex free haemostatic belt
1	Oro-nasal mask in silicone cal. 5	1	Sterile saline solution bottle 500 ml EYE WASH
1	Sterile guedel cannula cal. 2	10	Disinfectant wipes
1	PINOCCHIO helical gag	2	Instant ice packs
1	Tongue holding forceps	1	Clinical thermometer
1	POCKET MASK mouth-to-mouth resuscitation mask	1	Sphygmomanometer with phonendoscope
8	Hydrophilic gauze bandages	2	Tourniquets
4	Elastic bandages	8	Single-use sterile syringes
2	Sterile NWf cloths (1 60x40 cm - 1 60x80 cm)	1	Pair of stainless scissors
1	EMOCONTROL compressed bandage for haemorrhage	1	Pair of scissors cut-bandages 19 cm DIN
3	Sterile bandages with swab 80x100 mm	3	Sterile tweezers
2	Sterile bandages with swab 100x120 mm	1	Stainless splinters removal pencil
5	Sterile compresses 10x10 cm	1	Stainless haemostatic tweezers
6	Sterile compresses 18x40 cm	2	Single-use razors for trichotomy
2	Sterile adhesive ocular compresses	2	Single-use sterile scalpels
2	Triangular NWf cloths 96x96x136 cm	2	Envelopes of needles for sutures with strings
8	Adhesive bandages 10x6 cm	1	Suction pump
1	Package of 20 assorted sticking plasters	12	Safety pins
2	Bobbins of cloths sticking plasters m 5x2.5 cm	1	Curved basin
2	Envelopes of sterile strips for cutaneous sutures	2	Envelopes of 2 protective gloves
1	Case elastic net	2	Mud-flaps mask
2	SOFFIX MED rapid sterile adhesive medication 10x15 cm	2	Isothermal blankets
1	Gel gauze for burns 10x10 cm	3	Sack for medical waste
3	Envelopes of gel for burns 3.5 g	1	SNAP LIGHT for warning
1	BOSTON mouldable splints	1	Disinfectant bottle 125 ml Povidone-Iodine
2	Envelopes for insect bites	First-aid multilingual instructions	

## EXPLORER PLUS BRIEFCASE

CONTENTS			
1	AMBU (auxiliary manual brathing unit) in silicone	1	FORMA emergency scissors
1	Oro-nasal silicone mask cal. 5	2	Sterile saline solution bottles 500 ml
1	Oro-nasal silicone mask cal. 3	10	Disinfectant cleaner wipes
1	PINOCCHIO helical gag	2	Instant ice packs
1	Tongue holding forceps	1	Clinical thermometer
1	POCKET MASK mouth-to-mouth resuscitation mask	1	Aneroid sphygmomanometer with phonendoscope
8	Hydrophilic gauze bandages	2	Rubber tourniquets
4	Elastic bandages	8	Single-use sterile syringes
2	Sterile NWf cloths (1 60x40 cm - 1 60x80 cm)	1	Pair of stainless scissors
1	EMOCONTROL Compressed bandage for haemorrhage	1	Pair of scissors cut-bandages 19 cm DIN
3	Sterile bandages with swab 80x100 mm	3	Sterile tweezers
2	Sterile bandages with swab 100x120 mm	1	Stainless splinters removal pencil
5	Sterile compresses 10x10 cm	1	Stainless haemostatic tweezers
6	Sterile compresses 18x40 cm	2	Single-use razors for trichotomy
2	Sterile adhesive ocular compresses	2	Single-use sterile scalpels
2	Triangular NWf cloths 96x96x136 cm	2	Envelopes of needles for sutures with strings
8	Adhesive bandages 10x6 cm	1	Suction pump
1	Package of 20 assorted sticking plasters	12	Safety pins
2	Bobbins of cloth sticking plaster m 5x2.5 cm	1	Curved basin
2	Envelopes of sterile stripsfor cutaneous sutures	2	Envelopes of 2 protective gloves
1	Case of elastic net	2	Mud-flaps masks
2	SOFFIX MED rapid sterile adhesibe medication 10x15 cm	2	Isothermal blankets
1	Gel gauze for burns 10x10 cm	3	Sacks for medical waste
3	Envelopes of gel for burns 3.5 g	1	SNAP LIGHT for warning
1	BOSTON mouldable splint	1	TWISTER cervical collar
2	Wipes for insect bites	1	Flashlight with batteries
3	Sterile guedel cannulas (S,M,L)	1	Spray ice bottle 200 ml
2	NEOSPLINT splints ( 1 hand/wrist - 1 ankle/elbow)	1	Rechargeable oxygen tank 0.46 lt
1	Disinfectant bottle 125 ml Povidone-Iodine	1	Breathing mask with tube 1.80 m
1	Latex free haemostatic belt	First-aid multilingual instructions	

**SUITABLE FOR THE UTILISATION IN EXTREME CONDITIONS. IT IS EXTREMELY STURDY AND CAN BE USED IN THE MOST ADVERSE WEATHER CONDITIONS THAT YOU CAN FIND FOR INSTANCE ON OIL PLATFORMS, ON HIGH MOUNTAIN DURING HIKING ETC... TIGHTNESS GUARANTEED**



CODE	MODEL	PRICE
CPS453	Complete with contents	€ 970,67
CAV023	Empty	€ 228,67

Dim. mm480x370x205 - Complete Weight Kg. 11  
Empty Weight Kg. 4,5

Artificial resin briefcase of high quality, airtight closure and perfect tightness against sand, dust, water and corrosive agents, resistant against impacts, crushings and low/high temperatures. Supplied with strong handle, pressurized closures and predisposition for a potential lock. Seal made of neoprene and pressurization valve that ensures a quick settling of the internal pressure in case of sudden variations of altitude or temperature. Available in bigger sizes if requested.

## VVFF SPECIAL RUCKSACK



Rucksack ideal for the transport of medical equipment. It is composed of 3 separable bodies connected with zips. The central body has a specific handle for the vertical carriage and other handles for the transport on the external corps. Inside the corps there are 4 envelopes to contain specific materials. The rucksack has adjustable shoulder straps and a lap belt, both made of condura 1000 with an adequate padding. It also has a containment pocket located on the upper part of the rucksack, in contact with the operator's back. Contents in compliance with the specification criterias VVFF - TPSS.

CODE	PRICE
CPS295/A	UPON REQUEST

SUITABLE FOR "COMUNITÀ MONTANA" CORPS, FIRE DEPARTEMENTS, STATE FORESTRY CORPS, DIFFICULT EXCURSIONS, ETC...

## UNIKO CUPBOARD



CODE	MODEL	PRICE
CPS450	Complete - With contents	UPON REQUEST
CAV240	Empty	

Cupboard made of metal and painted with epoxy powder, orange color. Supplied with a door completed with lock, 3 inner removable shelves and a gurney in the lower part.

Dim. 1600x730x400 mm - Complete Weight 30 kg - Empty Weight 12 kg



## CONTENTS

1	NILO eyewash bottle 500 ml	2	Aluminium splints
3	Sterile physiological solution bottles 500 ml	3	Packages of 20 sticking plasters 2x7 cm
5	VENTO mouth-to-mouth resuscitator	2	Packages of 20 assorted sticking plasters
1	PINOCCHIO gag	1	Package of 8 adhesive bandaging 10x6 cm
1	Sterile guedel cannula	2	Triangular cloths 96x96x136 cm
2	Isothermal blankets gold/silver	1	Elastic bandage 10 cm
1	Clinical thermometer	3	Packages of tissues
1	Sphygmomanometer with phonendoscope	5	Pairs of sterile protective gloves
2	Disinfectant bottles 500 ml Povidone-Iodine 10 % Iodine PMC	1	EMOCONTROL sterile compressed bandage
1	Hydrogen peroxide bottle	2	Mud-flaps masks
2	Bobbins of sticking plaster m 5x2.5 cm	1	Package of tubular bandage
8	Gauze bandages	3	Instant ice packs
5	Envelopes of 25 sterile compresses 10x10 cm	5	Single-use sacks for medical waste
5	Envelopes of NWf sterile compresses 10x10 cm	5	Sterile adhesive ocular compresses
1	SICUR TREK emergency blanket (cod. COP210)	2	PIC 3 packages of 8 wipes (3 disinfectant, 2 ammonia, 12 sterile gauze bandages 10x40 cm, 3 liquid soap)
1	Sterile NWf cloth 60x80 cm	1	Curved basin
2	Sterile NWf cloths 60x40 cm	1	Copy of ministerial decree DM388
1	Package of 12 safety pins	1	Foldable gurney NFC system (cod. BAR016)
1	Pair of scissors cut-bandages 14,5 cm DIN	2	Packages of hydrophilic cotton 50 g
2	Sterile tweezers for medical treatment	1	Fireproof blanket (cod. COP125)
3	Rubber tourniquets	1	Set of 4 inflatable splint QUICK SPLINT
8	Sterile syringes	1	Kit of splinters removal
1	Latex free haemostatic belt		First-aid multilingual instructions

THE CONTENT INCLUDES PRODUCTS IN ACCORDANCE TO ALL.1 OF DM388 15 JULY 2003.

IT IS IDEAL FOR CAMPINGS, GYMS, LARGE COMMUNITIES, LARGE SPACES OF WORK, FACTORIES, SCHOOLS AND PUBLIC SPACES.



## SPORT BAG

Nylon bag with shoulder strap, inner part made of rigid material with compartments, 2 lateral pockets and zip latches.

CONTENTS					
1	Isothermal blanket	1	Pair of scissors cut-bandages	1	Package of 20 sticking plasters
1	Disinfectant bottle 250 ml	2	Sterile compressed bandages 80x100 mm	5	Instant ice packs
2	Bobbins of sticking plasters m 5x2.5 cm	2	Sterile compressed bandages 100x120 mm	2	Pairs of protective gloves
1	Package of elastic tubular net	8	Adhesive bandages 10x6 cm	1	Tourniquet
2	VENTO mouth-to-mouth resuscitator	1	Sterile NWf cloth for burns 40x60 cm	1	Sterile saline solution bottle 250 ml
6	Envelopes of sterile hydrophilic gauze 18x40 cm	1	Sterile NWf cloth for burns 60x80 cm	1	Tweezers for medical treatment
2	Spray ice bottles 200 ml	3	Envelopes of 2 strl. NWf comp. bandages 10x10 cm	5	Ammonia wipes
3	Triangular NWf cloths 96x96x136 cm	3	Elastic bandages 6 cm	1	Hydrogen peroxide bottle
1	Package of hydrophilic cotton 50 g	3	Elastic bandages 8 cm	First-aid multilingual instructions	



CODE	MODEL	PRICE
CPS282	Complete - With contents	€ 149,33
BPS261	Empty	€ 74,67

Dim. 470x240x190 mm  
Complete Weight 6,5 kg  
Empty Weight 1 kg



“DROP” OCULAR  
WASHING-STATION

Dim. 320Lx410Hx80P mm  
Complete Weight 1,5 kg  
Empty Weight 0,2 kg

CODE	PRICE
CPS202	€ 41,07



CONTENTS

2	Sterile saline solution bottles 500 ml with ocular stopper
1	Little mirror

The ocular washing-station is composed of 2 single-use sterile saline solution bottles of 500 ml with an ocular cap for a quick use. The station is thermoformed, with a frontal transparent part and closure resistant to dust. It is equipped with a little mirror and it is supplied with brackets and screws for a potential wall application.

Emergency ocular washing-station. The station is thermoformed, with a frontal transparent part and closure resistant to dust. It is equipped with a little mirror and it is supplied with brackets and screws for a potential wall application. Contents: 2 sterile saline neutral pH solution bottles 250 ml (cod. ACQ405). The bottles are equipped with a preassembled ocular cap for a quick use.

CONTENTS

2	Sterile neutral pH bottles (cod. ACQ405)
1	Little mirror
1	Kit with screws and brackets for wall application

Dim. 320Lx410Hx80P mm  
Complete Weight 1,5 kg  
Empty Weight 0,2 kg



“BUFFET” NEUTRAL pH  
WASHING-STATION

CODE	PRICE
CPS211	€ 65,33

HOW TO USE:

TO OPEN THE DROP, THE BUFFET DROP AND THE DUAL DROP, YOU JUST HAVE TO PULL THE COVER SLIGHTLY BACK AND LET IT DROP DOWNWARD.

THEN PULL OUT THE BOTTLE AND UNSCREW THE CAP.

IN THIS WAY YOU BROKE THE SEAL AND THE BOTTLE IS READY FOR THE UTILISATION.

THE ANATOMICAL CAP ALLOWS YOU TO DIRECT THE LIQUID, OBTAINING THUS AN EFFICIENT EYEWASH WITHOUT WASTEFULNESS.

AT THE END OF THE INTERVENTION, THE LITTLE MIRROR MOUNTED INSIDE THE WASHING-STATION, COULD BE AN USEFUL ACCESSORY TO MAKE AN INITIAL DAMAGE ASSESSMENT.

THIS PRODUCT IS RECOMMENDED FOR ALL THE PLACES IN WHICH THE POSSIBILITY OF REALIZING AN EMERGENCY EYEWASH EXIST.

## "DUAL DROP" OCULAR WASHING-STATION

Emergency ocular washing-station. The station is thermoformed, with a frontal transparent part and closure resistant to dust. It is equipped with a little mirror and it is supplied with brackets and screws for a potential wall application. The bottles are equipped with a preassembled ocular cap for a quick use.

CODE	PRICE
CPS209	€ 56,00

CONTENTS	
1	Saline solution bottle (cod. ACQ414)
1	Sterile neutral pH bottle (cod. ACQ405)
1	Little mirror
1	Kit of screws and brackets for wall fixing



Dim. 320Lx410Hx80P mm  
Complete Weight 1,5 kg  
Empty Weight 0,2 kg

## EUROKIT BUFFET

Plastic blue briefcase with transparent cover and support for wall application.

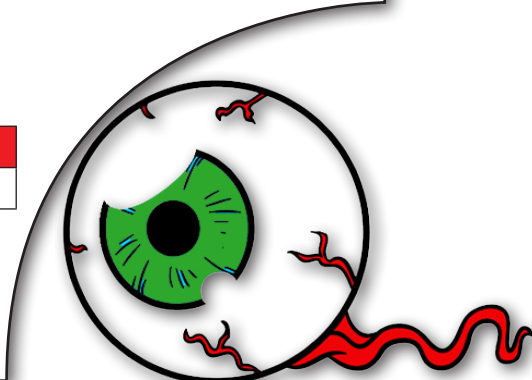


Dim. 263x170x83 mm - Weight 600 g  
Complete Weight 1,5 kg  
Empty Weight 0,2 kg

CONTENTS	
2	Solution neutral pH bottles 250 ml (cod.ACQ405)

CODE	PRICE
CPS255	€ 52,27

IDEAL FOR WORK PLACES  
WHERE EXIST  
THE POSSIBILITY OF COME INTO  
CONTACT WITH  
ACID OR BASIC CHEMICALS.  
AFTER THE UTILISATION,  
RINSE WITH STERILE  
SALINE SOLUTION  
OR WATER FOR AT LEAST 15 MINU-  
TES.



## EYEWASH

CODE	MISURE	PRICE
ACQ409	ml. 100	€ 6,35
ACQ408	ml. 250	€ 6,72
ACQ414	ml. 500	€ 7,47



Sterile saline solution for eyewash.

## STERILE SOLUTION BOTTLE

## STERILE NEUTRAL pH BOTTLE 250 ML

Watery neutral pH solution for emergency eyewash. This watery neutral pH solution is mainly used for the neutralization of acids and alkalines. The bottle is equipped with a practical ocular cap, for a quick and effective use, and with instructions and symbols for the utilisation. After the neutralization, the eye must be rinsed with a sodium chloride (0.9%) sterile saline solution or water for a minimum of 15 minutes.

CODE	PRICE
ACQ405	€ 22,40



## IDEAL PRODUCTS FOR THE EMERGENCY EYEWASH

CODE	PRICE
FLA101	€ 14,93



## NILO EYEWASH BOTTLE 500 ML

For the emergency eyewash. It is made of food polyethylene. It has an anatomical shape of the part that come into contact with the ocular bulb in order to assure a better adherence. It is equipped with a hole for the drainage of water. It allows the eyewash with a plentiful water jet that comes out through the grill of the anatomical cap. It can be disassembled, and it is easily washable and reusable.

## "NICO" EYEWASH BOTTLE



CODE	PRICE
MAT022	€ 29,87



Equipped on one side with a NEODYMIUM magnetic extremity that permits the removing of ferrous splinters avoiding to get the tip of the pencil dangerously near to the ocular bulb. On the opposite side there is a buttonhole made of anti-abrasive nylon which permits the removing of splinters in different materials. The neoprene seals guarantee a safe handhold of the pencil. Supplied in a practical case. Marked CE.

## SPLINTERS REMOVAL



## SPLINTERS REMOVAL TROUSSE

Plastic container with handle for transports and 2 clips for snap closure.

Dim. 235x190x43 mm  
Complete Weight 0,5 kg  
Empty Weight 0,2 kg



CODE	PRICE
TSS015	€ 52,27

### CONTENTS

1	PROFESSIONAL splinters removal pencil
1	Little mirror
1	Magnifying glass
1	Sterile saline solution 100 ml with ocular cap
1	Stainless splinters removal tweezers m 11.5
2	Envelopes of sterile gauze 18x40 cm
Instructions	

RECOMMENDED FOR ALL THE COMPANIES WHICH HAVE WORKERS WHO COULD BE HIT BY METALLIC SPLINTERS. IT CONTAINS ACCESSORIES USEFUL TO EXTRACT SPLINTERS OF VARIOUS MATERIALS AND TO MADE AN INITIAL MEDICATION OF THE INJURED PART. INSTRUCTIONS IN 5 LANGUAGES.

## EYEWASH BRIEFCASE KIT

Plastic briefcase, green color, support for wall application, handle for transports, 2 rotating clips for closure.



RECOMMENDED FOR ALL THE TRANSPORT VEHICLES. USEFUL TO MAKE AN EMERGENCY EYEWASH AND THE FOLLOWING MEDICATION.

### CONTENTS

1	NILO travel bottle for eyewash	1	Bobbin of sticking plasters m 5x2.5 cm
1	Sterile saline solution bottle 500 ml with ocular cap	1	Pair of scissors cut-bandages 14.5 cm DIN
2	Sterile ocular compresses	1	Package of tissues
2	Envelopes of sterile hydrophilic gauze 18x40 cm	1	Little mirror
Instructions			

CODE	PRICE
CPS258	€ 59,73

Dim. 259x190x90 mm - Complete Weight 1 kg - Empty Weight 0,4 kg

### COUNTER/WALL EYEWASH SHOWER



- Brass body
- Epoxy non-corrosive covering
- Open and adjusted jet
- Pressure min. 2 Bar
- Range: 12l/min

CODE	PRICE
7948	€ 408,09

### WALL EYEWASH WITH BOWL



- Wall fixing
- Quick assembly of the pre-assembled components
- Easy maintenance of the extractable and controllable valves
- Materials:
  - Brass connections, epoxy non-corrosive painting.
  - Eyewash with ABS bowls.
  - Aerated and adjusted jet

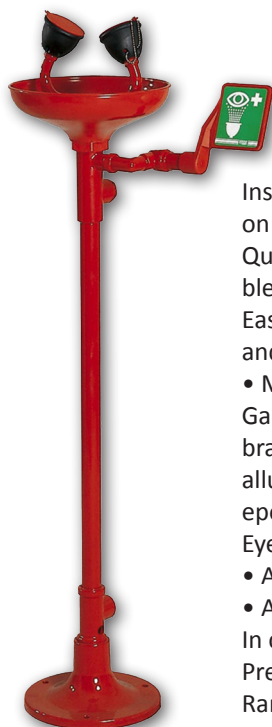
CODE	PRICE
7950	€ 434,19

THE USE OF EYEWASH AND EMERGENCY SHOWER IS STRONGLY RECOMMENDED IN THE FOLLOWING SECTORS: PHARMACEUTICAL, PETROLEUM, CHEMICAL, IRON AND STEEL, AGRICULTURAL, ENGINEERING, FOOD AND BUILDER.

#### AVAILABLE COLORS

	AVAILABLE
	UPON REQUEST
	UPON REQUEST

### FLOOR EYEWASH WITH BOWL



Installation: on the floor, on the wall, on the ceiling.  
Quick assembly of the pre-assembled components.  
Easy maintenance of the extractable and controllable valves.

- Materials: Galvanized steel tubes, brass connections, aluminium base, epoxy non-corrosive painting.

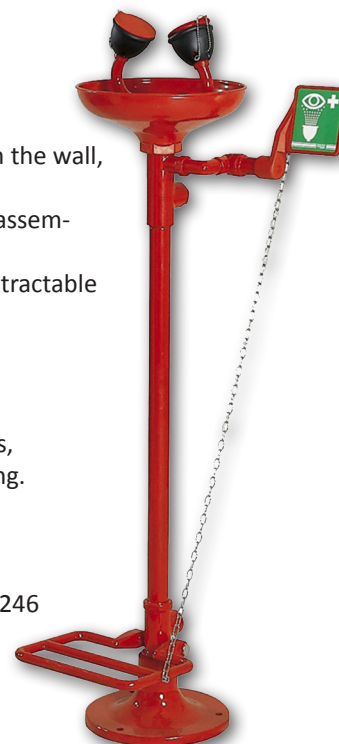
Eyewash with:

- ABS bowls
- Aerated and adjusted jet

In compliance with DIN EN 246  
Pressure min. 2 Bar  
Range: 12 l/min

CODE	PRICE
7947	€ 657,12

### FLOOR EYEWASH WITH BOWL AND DOUBLE COMMAND



Installation: on the floor, on the wall, on the ceiling.  
Quick assembly of the pre-assembled components.  
Easy maintenance of the extractable and controllable valves.

- Materials: Galvanized steel tubes, brass connections, aluminium base and pedals, epoxy non-corrosive painting.

Eyewash with:

- ABS bowls
- Aerated and adjusted jet

In compliance with DIN EN 246  
Pressure min. 2 Bar  
Range: 12 l/min

CODE	PRICE
7951	€ 768,78

## FLOOR SHOWER WITH EYEWASH

Installation: on the floor, on the wall, on the ceiling.  
Quick assembly of the pre-assembled components.  
Easy maintenance of the extractable and controllable valves.

- Materials:  
Galvanized steel tubes, brass connections, aluminium base, epoxy and non-corrosive painting.

Eyewash with:

- ABS bowls
- aerated and adjusted jet.

In compliance with DIN EN 246

Pressure: min. 2 Bar

Ranges:

30 L/min/ single extremities

12 L/min/ eyewash



CODE	PRICE
7949	€ 1.239,06

## FLOOR SHOWER WITH EYEWASH AND DOUBLE COMMAND

Installation: on the floor, on the wall, on the ceiling.  
Quick assembly of the pre-assembled components.

Easy maintenance of the extractable and controllable valves.

- Materials:  
Galvanized steel tubes, brass connections, aluminium base and pedals, epoxy and non-corrosive painting.

Eyewash with:

- ABS bowls
- aerated and adjusted jet.

In compliance with DIN EN 246

Pressure: min. 2 Bar

Ranges:

30 L/min/ single extremities

12 L/min/ eyewash



CODE	PRICE
7952	€ 1.380,23

THE USE OF EYEWASH AND EMERGENCY SHOWER IS STRONGLY RECOMMENDED IN THE FOLLOWING SECTORS: PHARMACEUTICAL, PETRO-LUM, CHEMICAL, IRON AND STEEL, AGRICULTURAL, ENGINEERING, FOOD AND BUILDER.

### AVAILABLE COLORS

	AVAILABLE
	UPON REQUEST
	UPON REQUEST

## DECONTAMINATION UNITY PLATFORM

Installation: on the floor.

Quick assembly of the pre-assembled components.

Easy maintenance of the extractable and controllable valves.

- Materials:  
Galvanized steel tubes, brass connections, aluminium base and pedals, epoxy and non-corrosive painting.

Eyewash with:

- ABS bowls
- aerated and adjusted jet.

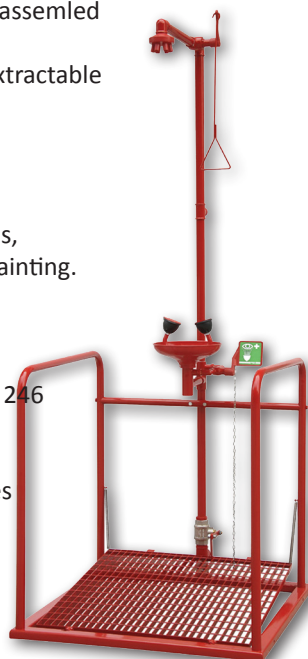
In compliance with DIN EN 246

Pressure: min. 2 Bar

Ranges:

30 L/min/ single extremities

12 L/min/ eyewash



CODE	PRICE
7953	€ 3.544,00

## PORTABLE EYEWASH WITH TANK

- Material: stainless steel 316L
- Capacity: 18 l, potable water
- Pressurize at 6 bar with compressed air.

Flexible tube covered in stainless. Eyewash with aerated and adjusted jet in compliance with legal obligations.

Pressure gauge control and release valve in case of overload

Weight: 20 kg  
Misure: H 74 cm



CODE	PRICE
7954	€ 987,38

"PLASTOSAN" STICKING PLASTERS

CODE	VERSION	SIZES	PRICE
CER075	Case of 10 assorted plasters	-	€ 1,68
CER157	Case of 20 assorted plasters	-	€ 2,43
CER074	Case of 20 plasters	cm 7x2	€ 2,61
CER020	100 assorted plasters	8 sizes	€ 13,07
CER021	100 plasters	cm 2x7	€ 8,40
CER022	100 plasters	cm 2,4x7	€ 9,15
CER023	100 plasters	cm 1,7x4	€ 5,97
CER024	50 plasters	cm 6x10	€ 18,29
CER025	50 plasters	cm 4,8x7	€ 11,20
CER026	50 plasters	cm 3,8x3,8	€ 7,84
CER027	50 H shaped assorted plasters	-	€ 13,44
CER028	50 butterfly shaped plasters	-	€ 13,44

The products are also available in the blue detectable version for food company utilisation.

CODE	MODEL	SIZES	PRICE
CER029	100 plasters	cm 7x2	€ 13,44
CER036	100 plasters	cm 7,5x2,5	€ 15,31
CER035	100 plasters	cm 7,5x5	€ 13,81
CER034	50 butterfly shaped plasters	-	€ 15,68
CER033	50 H shaped plasters	cm 2x7	€ 15,68
CER049	100 assorted plasters	5 sizes	€ 16,80



"PLASTOSAN DRY SKIN"

CONTENTS	
20	19x70 mm
10	24x70 mm
5	40 x17 mm
5	3,8x3,8 mm

Case of 40 waterproof transparent sticking plasters.

CODE	PRICE
CER041	€ 4,48

4 SIZES



EXTRALONG STICKING PLASTERS

Thanks to their length they can be wrapped around the finger keeping protected the cut or the abrasion without accidental detach problems (as in the case of standard common plasters)

CONTENTS	
50	18X2 cm blue color
100	18X2 cm flesh-colored

CODE	COLOR	PRICE
CER032	FLESH-CL.	€ 22,40

CODE	COLOR	PRICE
CER143	BLUE	€ 15,68





## AUTO-TIGHT BANDAGE

Innovative auto-tight bandage of easy application (with one hand). This bandage is designed to be applied in the required measures, with no waste. The product is waterproof, soft and elastic. It allows an excellent mobility after the application, and the porous material, of which it is constituted, permits an easy ventilation of the injured part leaving no residues after the use. Package: bobbin of 6x4.5 cm - LATEX FREE



CODE	COLOR	PRICE
CER063	FLESH-CL.	€ 18,29
CER061	BLUE	€ 18,29

## AUTO-TIGHT BENDAGE

Innovative auto-tight bandage of easy application (with one hand). This bandage is designed to be applied in the required measures, with no waste. The product is waterproof, soft and elastic. It allows an excellent mobility after the application, and the porous material, of which it is constituted, permits an easy ventilation of the injured part leaving no residues after the use.



CODE	COLOR	PRICE
CER059	FLESH-CL.	€ 9,15
CER064	BLUE	€ 18,29

## DISPENSER SOFT NEXT

The dispenser assures the Soft Next to be at hand in case of injuries or cuts in the work place. It is easy to install and load. It is highly visible and can be used even with wet hands.



CODE	PRICE
DIS015	€ 52,27

## AUTO-TIGHT BANDAGE

"UNI bandage" is an elastic and cohesive bandage similar to the Soft Next, but it is way stronger and thicker. This product does not stick to skin, hairs or injuries and it is easy to apply and remove. Thanks to his features, UNI can be applied in any part of the body.



CODE	PRICE
CER069	€ 14,56

WATER BLOC

Plaster resistant to water and bacteria with anti-bacterial swab that contains Digluconate Chlorhexidine, a substance which has a wide working spectrum. That allows the control of the swab's micro-environment, guaranteeing the protection of the injury from infection risks. Ultra-thin, transparent and breathable.

CODE	PRICE
CER072	€ 5,23



DELICATE

Delicate plaster with anti-bacterial swab that contains Digluconate Chlorhexidine, a substance which has a wide working spectrum. That allows the control of the swab's micro-environment, guaranteeing the protection of the injury from infection risks. Hypoallergenic, breathable and conformable.

CODE	PRICE
CER071	€ 4,67



"My skin" is an advanced medical treatment for burns which assure a quicker and effective healing thanks to the exclusive profast technology, an innovative hydrogel professional technology. My skin donates an immediate pain relief thanks to its soothing and refreshing features. It can be worn for several days: it is breathable and resistant to water, filth, and bacteria. Latex free. Tersted in first-aid.

CER208 case 3 pcs. medium 45x75 mm  
(med 50x25 mm)

CODE	SIZE	PRICE
CER208	45x75 mm	€ 10,08

CER209 case 3 pcs. large 70x100 mm  
(med 70x40 mm)

CODE	SIZE	PRICE
CER209	70x100 mm	€ 14,75



MY SKIN

The STERI STRIPS adhesive cutaneous structures are recommended for the closure of cutaneous injuries and for the treatment of lacerations and surgical incisions. The Steri Strips adhesive cutaneous structures can be used concurrently with the standard sutures. Sterile ribbon for sutures of reinforced NWf.

CODE	BAGS	SIZES	PRICE
SUT224	5 stripes	3x75 mm	€ 4,11
SUT225	6 stripes	6x38 mm	€ 4,85
SUT226	3 stripes	6x75 mm	€ 4,11

ADHESIVE CUTANEOUS STRUCTURES



## STRIP PLASTER

Hypoallergenic strip plaster 6x100 cm. It has a layer of micro-perforated non-stick gauze. Dermatologically tested product.



CODE	PRICE
CER140	€ 3,73

## CANVAS PLASTER



Bobbin of canvas plaster m 5x5 cm

CODE	PRICE
CER083	€ 7,09
CER233	€ 4,48

## NWf PLASTER

Bobbin of NWf hypoallergenic plaster for fixing medical treatment



CODE	SIZES	PRICE
CER231	m 5x2,5 cm	€ 2,99
CER095	m 5x1,5 cm	€ 1,68

## ELASTIC BANDAGES

Elastic bandages in white color with stop-bandages.

CODE	SIZES	PRICE
ELA114	m 4,5x5 cm	€ 1,31
ELA115	m 4,5x7 cm	€ 1,68
ELA117	m 4,5x10 cm	€ 2,33



## SOFFIX STRETCH

Bobbin of NWf plaster for sensitive skins. Recommended for the fixing of medical treatments on articular areas.

CODE	SIZES	PRICE
CER303	10x10 cm	€ 14,19
CER304	5x10 cm	€ 7,47



**"SELF FIX" ELASTIC BANDAGE**

Elastic self-fix bandage light and soft. Thanks to the latex microparticles it adheres on itself. It does not stick to skin or hairs and it is highly breathable. White color.

CODE	SIZES	PRICE
BEN249	4x6 cm	€ 4,85
BEN248	4x8 cm	€ 5,23
BEN253	4x10 cm	€ 5,41

**BENDAGES**

Cases containing gauze bandages and sterile bandages with swab.

**AVAILABLE IN 5 VERSIONS**

CODE	VERSION	SIZES	PRICE
BEN005	Case 12 pcs	m 3,5x5 cm	€ 9,33
BEN007	Case 10 pcs	m 3,5x7 cm	€ 10,83
BEN010	Case 6 pcs	m 3,5x10 cm	€ 9,71
BEN216	Package 6 pcs	mm. 80x100	€ 9,71
BEN217	Package 4 pcs	mm. 00x120	€ 8,40

**SAFESKIN**

Recommended for the protection of the skin in case of taping, adhesive compressed bandages and support bandaging. It avoids a painful removal and it efficaciously protects delicate or sensitive skins even in the presence of irritations and skin rashes or in the presence of creams, ointments and other oily substances.

Made of polyurethane material, which is highly porous. It permits a great transpiration even if applied in more layers, avoiding thus skin's maceration.

It is thin and of little encumbrance, it adheres on itself and does not stick to skin.

CODE	SIZES	PRICE
CER218	7,5x20 cm	€ 10,83

**CO FIX**

Elastic self-fix bandage light and soft. Thanks to the latex microparticles it adheres on itself. It does not stick to skin or hairs and it is highly breathable. Available in three different sizes.

CODE	SIZES	PRICE
ELA120	6x5 cm	€ 8,40
ELA121	8x5 cm	€ 11,95
ELA122	10x5 cm	€ 13,81





## ELASTIC TUBULAR NET

Elastic tubular net for the fixing of medical treatments. Available in roll dispenser packages or in a practical case containing two sizes. Suitable for first-aid kits.

CODE	VERSION	LENGTH	PRICE
RET100	Case with tubular net - 2 sizes	-	€ 2,43
RET158	Calibre 0 - For fingers, hand, wrist	m. 50	€ 6,53
RET159	Calibre 1 - For hand, wrist, foot, ankle	m. 50	€ 12,88
RET160	Calibre 2 - For arm, leg, knee	m. 50	€ 14,93
RET161	Calibre 3 - For arm, leg, shoulder	m. 50	€ 16,80
RET162	Calibre 4 - For head, thigh, hip	m. 50	€ 19,23
RET163	Calibre 5 - For thigh, hip, chest, head	m. 50	€ 23,15
RET164	Calibre 6 - For armpit, chest, pelvis	m. 25	€ 18,48



## STERILE GAUZES

CODE	VERSION	PRICE
GAZ111	4 layers compress - 10x10 cm	€ 0,56
GAZ173	Ocular compress with adhesive edge	€ 0,56
GAZ187	Package of 12 compresses - 18x40 cm	€ 3,55
GAZ189	Envelope of 25 compresses - 10x10 cm	€ 1,12
GAZ090	Package of 12 compresses - 36x40 cm	€ 4,85
KAL303	Envelope of 2 NWf compresses 10x10 cm	€ 0,67



## "EMOCONTROL" ELASTIC BANDAGES

Elastic bandage.  
Length: 4.5 m Height: 10 cm  
Included swab. Dim: 10x10 cm and 2 stop-bendages.

EMOCONTROL is a rapid and effective adhesive bandage for small haemorrhages and injuries.

It is supplied with instructions.



CODE	PRICE
BEN239	€ 5,97

## STERILE GAUZES

100 % NWf compress covered in polyester micro-drill paper. The micro-drilling improves the ventilation and the absorption aiding the healing.

CODE	SIZES	PRICE
GAZ202	5x7 cm - 5	€ 2,43
GAZ209	5x7 cm - Pckg. 100 pcs.	€ 0,37
GAZ211	10x10 cm	€ 0,75
GAZ212	10x15 cm	€ 1,12

GAZ202



GAZ212



GAZ211



GAZ209



## HEMO STOP

Haemostatic swab made of calcium alginate. It rapidly stops the haemorrhage and favorites the healing process. 100% of vegetable origin.

CODE
HEM001
PRICE
€ 10,83



## HYDROPHILIC COTTON

CODE	VERSION	PRICE
COT104	Package 50 g	€ 1,64
COT105	Package 100 g	€ 2,99
COT106	Package 1000 g	€ 21,65
COT107	Package 250 g	€ 7,09
COT279	Package 20 g	€ 0,93



## TRIANGULAR NWf CLOTH

Triangular NWf cloth. Norm. DIN 13168 D. Measures: cm96x96x136.



CODE
GAZ114
PRICE
€ 1,83

## STERILE NWf CLOTH

Sterile NWf cloth for burns.

CODE	MISURE	PRICE
TEL025	60x40 cm	€ 1,49
TEL030DEW	60x80 cm	€ 1,79

TEL025



TEL030DEW



## HYDROPHILIC NON-STERILE GAUZE

CODE	SIZES	PRICE
GAZ146	10x10 cm	€ 30,80
GAZ148	20x20 cm	€ 30,80
GAZ150	30x30 cm	€ 30,80



## SURGICAL CLOTH

Sterile absorbent surgical cloth. Green color.

CODE	MISURE	PRICE
TEL172	60x40 cm	€ 3,92
TEL173	60x80 cm	€ 11,95

TEL172

TEL173



## "ESOSAN" DISINFECTANT

Liquid disinfectant PMC bottle  
250 ml.

CODE
EUS124
PRICE
€ 3,55



## STERILE SALINE SOLUTION

Single-use sterile saline solution for  
injuries, sores and abrasion washing

**SOL007 SOL002 SOL004**

AVAILABLE IN 3 SIZES

CODE	SIZES	PRICE
SOL007	100 ml	€ 3,36
SOL002	250 ml	€ 3,55
SOL004	500 ml	€ 3,73



## POVIDONE-IODINE 10% DISINFECTANT

Povidone-iodine disinfectant 10% Iodine.

AVAILABLE IN 2 SIZES

CODE	SIZES	PRICE
JOD003	ml. 125	€ 6,16
JOD002	ml. 500	€ 11,20



## INSTANT/SPRAY ICE

Made of plastic, it keeps cold the damaged part for about 25/30 minutes, depending on the outside temperature. It is an useful accessory that can be used in case of trauma or small haemorrhages.

Supplied in plastic sacks or covered in NWf. Single-use. It is useful in case of small trauma, contusions and haematomas.

CODE	VERSION	PRICE
KWK044	Instant - plastic sack	€ 1,17
KWK045	Instant - NWf sack	€ 1,21
QCS045	Spray bottle 200 ml	€ 5,97
QCS046	Spray bottle 400 ml	€ 7,47



## INSTANT HEAT

Recommended to maintain hot one or more parts of the body.  
Ideal for all those use where exists the necessity of having a hot bag at hand. Very practical, it is an useful accessory to add to a first-aid standard kit.  
Single-use.

CODE
KWK046
PRICE
€ 2,24



## HYDROGEN PEROXIDE

Hydrogen peroxide bottles,  
12 volumes, 250 ml.  
Hydrogen peroxide stabilized in dilute solution 3% 10 volumes.

CODE
OSS281
PRICE
€ 1,83





## REUSABLE GEL COMPRESS

Thanks to a thermal gel, this product can substitute both the traditional ice bag and the hot water bag.



CODE
KWK048
PRICE
€ 12,69

## ISOTHERMAL BLANKET

Made of polyester film covered with silver and golden aluminium. Its function (depending on the side of utilisation) is to thermally isolate the injured.

**SILVER:** heat protection.

**GOLD:** cold protection.



CODE	SIZES	PRICE
COP216	Dim. 210x160 cm	€ 2,80
EPS216	Counter 24 pcs.	€ 67,20

## "FORMA" EMERGENCY SCISSORS



Emergency stainless scissors AINSI 43 for general purpose. Ideal to be kept as equipment on emergency vehicles, first-aid planes and private cars. Their use is recommended in several emergency cases: to crash glasses, to cut cloths, safety belts, and thick objects. "FORMA" is designed without any plastic part in order not to be subjected to oxidation. Completely autoclavable. Available with sheath and accessories for wall application.



CODE	PRICE
FOR299	€ 89,60

## SCISSORS

CODE	VERSION	PRICE
FOR078	Plastic handler - 10 cm	€ 0,90
FOR131	Stainless, alternate tops - 12 cm	€ 11,57
FOR165	Stainless, alternate tops - 14 cm	€ 15,31
FOR132	Stainless, cut-bandages - 14 cm	€ 13,25

CODE	VERSION	PRICE
FOR199	Stainless, cut-bandages 14.5 cm, plastic handler, autoclavable DIN	€ 3,92
FOR205	Stainless, cut-bandages 19 cm, plastic handler, autoclavable DIN	€ 7,09





## PAIN RELIEF STOPDOL



Pain relief stopdol is a medical device imagined and designed to obtain the maximum benefit from its ingredients (for instance Harpagophytum, Arnica and Salix) in the cutaneous medical treatment of joint zones. In particular it protects the body areas which suffer from a various range of muscular and articular aches and contractures.

- Contains Arnica, Harpagophytum and Salix;
- 24 h granted action;
- Colorants and conservatives free;
- It does not stain or grase;
- Medicinal substances free;
- Hypoallergenic
- Dermatologically tested;
- 150 ml.

CODE	PRICE
QCS048	€ 6,72

## HEATING BELT

This heating belt is highly recommended to donate relief to the muscles which are contracted and tired or anyway affected by cramps. It relives the pain caused by arthritis and it is also effective against the menstrual cramps releasing a tolerable and pleasant heat for a duration of 8 hours.

Made of a soft material pleasant to the touch, it presents special cells which contain natural substances such as iron powder, coal and salt that, coming into contact with air oxygen, generate heat. Its shaped mold is adaptable to all the zones of the body.

No medicines added.



CODE	PRICE
MEG001	€ 9,89

## HEATING STICKING PLASTER



This heating sticking plaster is highly recommended to donate relief to the muscles which are contracted and tired or anyway affected by cramps. It relives the pain caused by arthritis and it is also effective against the menstrual cramps releasing a tolerable and pleasant heat for a duration of 8 hours. Made of a soft material pleasant to the touch, it presents special cells which contain natural substances such as iron powder, coal and salt that, coming into contact with air oxygen, generate heat. Its shaped mold is adaptable to all the zones of the body.

No medicines added.

CODE	PRICE
MEG002	€ 5,82

## ARNICA HEATING STK. PLASTER

Plasters for muscular and articular pain containing Arnica montana and harpagophytum ( Devil's claw).

This medical device is designed and fabricated in order to take the best from the beneficial effects of its elements (such as devil's claw, arnica and salix) ideal for the cutaneous treatment of the articular zones. It carries out a protective action of the areas of the body affected by articular and muscular aches or contractures of different kinds such as rheumatic pains, sports injuries, stiff neck and backhake.



CODE	PRICE
MEG003	€ 5,82

### SYRINGES CONTAINER

Container for used needles/syringes.  
Made of hard polythene resistant to acids.  
Security sealed closure for a guaranteed  
wathertight even in the case of a fall of the  
container.  
Capacity: 3500 ml.



CODE
CON008
PRICE
€ 8,21

### SINGLE-USE SYRINGES

Sterile syringes with  
needle.

**PACKAGE OF 100 pcs.**

CODE	SIZE	PRICE
<b>SIR178</b>	cc. 2	€ 0,37
<b>SIR177</b>	cc. 5	€ 0,49
<b>SIR179</b>	cc. 10	€ 0,56

**SIR179**



**SIR177**

**SIR178**



### PLIERS FOR SYRINGES COLLECTION

Main structure made of aluminium, handle and tweezers made  
of plastic. Really light and practical, it is highly recommended for  
the collection of syringes and tiny objects without taking risks of  
various types.



Length 100 cm

CODE	PRICE
RAC003	€ 59,73

### COLLECTING PLIERS

Light and manuevrable collecting pliers. The pliers can be used for  
the collection of a wide range of objects like: glass, cans, rubbish  
and also syringes. The product can also be used into storehouse  
and offices to take material from closets and shelving.

Technical features:

Handle and tweezers in ABS - Tube-shaped stem of steel.  
Measures 84x12 cm - Weight 150 g.



Length 84 cm

CODE	PRICE
RAC002	€ 23,52

### MEDICAL WASTE SACK

Medical waste sack with minigrip closure and "R  
RUBBISH" print.

Dim. 35x25 cm



CODE
SAC052
PRICE
€ 0,34

### PLASTIC BOWL

Dimensions  
20 cm



CODE
BAC291
PRICE
€ 1,68

### STERILE TONGUE DEPRESSOR

**SINGLE-USE**

Dimensions 150x17 mm

CODE
ABB253
PRICE
€ 0,19



## STEEL PLIERS

CODE	MODEL	DIM.	PRICE
PIN131	Stainless haemostatic Pean	14,5 cm	€ 17,32
PIN136	Stainless surgery	14 cm	€ 9,15
PIN164	Stainless anatomic	14 cm	€ 8,77
PIN165	Stainless splinters removal	cm 11,5	€ 10,83



## STERILE LANCET

SINGLE-USE



CODE
BIS185
PRICE
€ 1,79

## TUBULAR TOURNIQUET

Tubular tourniquet made of latex 36 cm.



Packages of 50 pcs.

CODE
LAC187
PRICE
€ 1,31

## "VISUAL" MUD-FLAPS MASK



VISUAL mud-flaps mask of anti-fog and anti-glare material. LATEX FREE.

Measures: 300Lx231H mm

CODE
VIS001
PRICE
€ 8,21

## MUD-FLAPS MASK

Mud-flaps mask with elastic laces.



CODE	PRICE
MAS205	€ 2,43

## HAEMOSTATIC ELASTIC BELT

Haemostatic elastic eco belt with buckle.



CODE
LAC188
PRICE
€ 4,85

## HAEMOSTATIC FLAT LACE

Nitrile haemostatic flat lace.



CODE
LAC190
PRICE
€ 0,75

Singularly packed

## PLASTIC TWEEZERS

Single-use plastic tweezers.

CODE	PRICE
PIN110	€ 0,90





### SOAP AND DISINFECTANT WET WIPES



Small envelopes of liquid disinfectant bactericidal soap. Fast action. 5 ml.



Disinfectant PMC wipes  
Envelope dimensions: 65x95 mm  
Wipe dimensions: 140x190 mm



Package of 20 wipes  
Envelope dimension: 65x95 mm  
Wipe dimension: 140x190 mm

CODE	MODEL	PRICE
SAP001	Case of 10 envelopes	€ 4,11
SAP002	Single envelope	€ 0,37
TOW003	Package of 20 wipes	€ 6,72
TOW223	Disinfectant PMC wipe	€ 0,37

### HALF-MASKS

Half-masks with elastic laces.



CODE	LAYERS	PKG.	PRICE
MAS202	Single-layer	100	€ 11,76
MAS206	3 layers	50	€ 7,84

### COPOLYMER GLOVES



A pair of copolymer gloves. s. MEDIUM  
LATEX FREE.

CODE	PRICE
GUA168	€ 0,71

### NITRILE GLOVES



Sterile nitrile gloves.  
Supplied in package of 100 pcs.

CODE
GUA155
PRICE
€ 1,12

### VINYL GLOVES



Envelope of 4 vinyl gloves.  
s. LARGE

CODE
GUA177
PRICE
€ 1,12



DISINFECTANT SPRAY



**DIS007** Disinfectant bottle 50 ml made of isopropyl alcohol 70. Equipped with nebulizer.  
Dimensions: 122x35 mm diam.

**DIS006** Disinfectant bottle 50 ml made of digluconate of chlorohexidine. Equipped with nebulizer.  
Dimensions: 122x35 mm diam.

CODE	PRICE
DIS007	€ 7,09
DIS006	€ 7,09

MEDICAL TREATMENT FOR BURNS

Ideal for a temporary pre-medical first-aid on solar burns and searings. It provides the skin with the necessary support of water, and it cools and relieves the pain. The product minimises the burns trauma and it aids the prevention of infections.



CODE	SIZES	PRICE
PRE002	Gel envelopes 3.5 g	€ 1,49
PRE010	Case of 10 envelopes	€ 13,44
GAZ101	Gel gauze for burns 10x10 cm	€ 11,57

## DISINFECTANT WIPES

**TOW014** Disinfectant chlorohexidine-based wipes, packed in boxes of 10 envelopes. Each envelope is made of paired film, specifically designed to contain the disinfectant fluid.

Envelope dimension: 60x80 mm

Wipe dimension: 143x150 mm

**TOW012** Disinfectant calendula-based wipes, packed in boxes of 10 envelopes. Each envelope is made of paired film, specifically designed to contain the disinfectant fluid.

Envelope dimension: 60x80 mm

Wipe dimension: 143x150 mm

**TOW005** Disinfectant wipes with isopropyl alcohol 70°, packed in boxes of 10 envelopes. Each envelope is made of paired film, specifically designed to contain the disinfectant fluid.

Envelope dimension: 60x80 mm

Wipe dimension: 143x150 mm

**TOW004** Disinfectant mosquito proofed wipes, packed in boxes of 10 envelopes. Each envelope is made of paired film, specifically designed to contain the disinfectant fluid.

Envelope dimension: 60x80 mm

Wipe dimension: 143x150 mm



CODE	PRICE
TOW014	€ 4,11
TOW012	€ 4,11
TOW005	€ 4,11
TOW004	€ 4,11

"ESOSAN" DISINFECTANT HANDS GEL  
WIYHOUT WATER

Aseptic ready-to-use gel for the hands' disinfection without water. ESOSAN HANDS GEL is a gel ideal for the immediate and effective disinfection of hands, it contains alcohol which can efficiently reduce the permanent and transient bacterial flora of the skin. Lab tests demonstrate the capacity of the gel of inactivate HIV, HBV, HCV and its antimicrobial action against the Candida Albicans, Mycobacterium Tuberculosis. Esosan gel dries rapidly maintaining the hands soft and smooth.



**Medical surgical device Reg. No. 18788**  
**Secretary of Health and Human Services.**

THE PRODUCT HAS PASSED A SPECIFIC LAB TEST IN ORDER TO VERIFY ITS EFFECTIVENESS AGAINST THE VIRUS OF THE H1N1 FLU FOLLOWING THE STANDARD PROCEDURE OF THE EUROPEAN LAW EN14476: MILAN 2002 MICROBIOLOGY AND VIROLOGY LAB OF THE UNIVERSITY "VITA-SALUTE SAN RAFFAELE". IT HAS BEEN USED A VIRUS EXTRACTED FROM A DISEASE'S AFFECTED PATIENT. THE EXAM RESULTS, COMPLETED IN 08-01-2009, CONFIRM THAT THE PRODUCT FULFILLS THE ACCEPTANCE CRITERIA OF THE LAW EN14476: 2002 THEREFORE IT HAS TO BE REGARDED AS VIRICIDE AGAINST THE H1N1 FLU.

CODE	SIZES	PRICE
ESO500	500 ml	€ 13,53
ESO150	150 ml	€ 7,47
ESO100	100 ml	€ 5,97

## "STD" FLEXIBLE CERVICAL COLLAR

CODE	SIZES	PRICE
COL001	Set 3 pcs. with case	€ 168,00
COL002	Small	€ 50,87
COL003	Medium	€ 50,87
COL004	Large	€ 50,87
CUS102	Case	€ 30,80



Made of polyurethane foam covered with water-proof material.

Radiolucent, with velcro.

## "PHILLY" CERVICAL COLLARS

Cervical collar, adjustable in 4 sizes.  
Made of polyethylene foam and padded with foamed material.  
Radiolucent, it can be washed and disinfected.



CODE	MODELS	PRICE
COL835	FOR ADULTS	€ 51,33
COL836	PEDIATRIC	€ 51,33



## "ARGO" CERVICAL COLLARS



One piece cervical collars made of polyethylene and internally covered with washable E.V.A. fixed with plastic rivets. Provided with a tracheotomy central hole and adjustable velcro straps.



AVAILABLE IN 6 DIFFERENT SIZES, RECOGNISABLES THANKS TO THE DIFFERENT COLORS AND THE BOX VERSION OF 6 PIECES

CODE	MODELS	PRICE
COL051	Pink infant	€ 37,33
COL052	Pediatric light blue	€ 37,33
COL053	Purple stout	€ 37,33

CODE	MODELS	PRICE
COL054	Blue standard	€ 37,33
COL055	Orange medium	€ 37,33
COL056	Green tall	€ 37,33
COL057	Set of 6 pcs. with case	€ 280,00

## "TWISTER" CERVICAL COLLARS



from 56  
to 60 cm

Cervical collar adjustable in 4 different sizes. Made of high density polyethylene and padded with foam material. Radiolucent, it can be washed and disinfected. 2 pcs. cervical collars (front and back) made of polyethylene and internally covered with washable E.V.A fixed with plastic rivets. Supplied with a tracheotomy central hole and adjustable velcro straps.



from 48  
to 52 cm



from 54  
to 58 cm



from 50 to  
54 cm

from 35  
to 39 cm



from 40  
to 46 cm



AVAILABLE IN 6 DIFFERENT SIZES, RECOGNISABLES THANKS TO THE DIFFERENT COLORS AND THE BOX VERSION OF 6 PIECES AND THE VERSION BOX OF 6 PIECES

CODE	MODEL	PRICE
COL061	Pink infant	€ 63,93
COL062	Pediatric light blue	€ 63,93
COL063	Purple stout	€ 63,93

CODE	MODEL	PRICE
COL064	Blue standard	€ 63,93
COL065	Orange medium	€ 63,93
COL066	Green tall	€ 63,93
COL067	Set of 6 pcs. with case	€ 420,00
CUS106	Case	€ 56,00



## "QUICK SPLINT" MODEL



Set of 4 inflatable splint, available in the following sizes: hand/wrist, whole arm, foot/ankle, whole leg. The splints immobilize the limb and thanks to the pressure that they exercise they prevent potential bleeding. Made of PVC, they are provided with a zip to facilitate the wrapping of the injured limb. Radiolucent, non-toxic and washable. Supplied with a pump and a 4 compartments case.

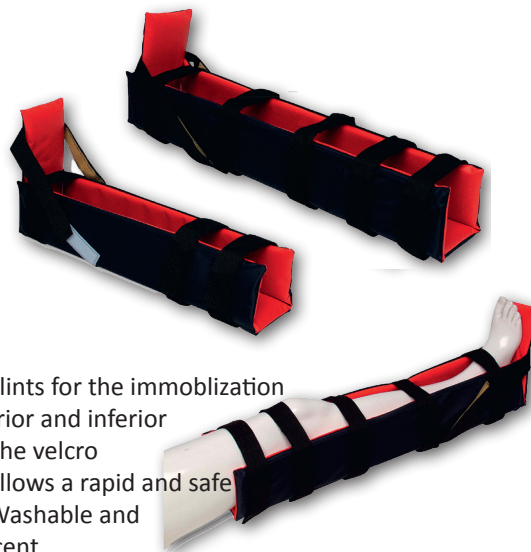


CODE	PRICE
PNE244	€ 168,00



Supplied with a pump and a 4 compartments case.

## "FIXO SPLINT" MODEL



Rigid splints for the immobilization of superior and inferior limbs. The velcro straps allows a rapid and safe fixing. Washable and radiolucent.

AVAILABLE IN 2 SIZES

CODE	SIZES	PRICE
STE120/P	Small	€ 96,60
STE120/G	Large	€ 115,73

CODE	MODELS	PRICE
STE122	Forearm	€ 91,00
STE123	Arm	€ 119,47
STE124	Ankle/Elbow	€ 101,27

CODE	MODELS	PRICE
STE125	Leg	€ 130,20
STE126	Wrist	€ 76,07
STE127	Set of 5 pcs. with case	€ 518,00
CUS105	Case	€ 56,00

STE126



STE122

Rigid neoprene adaptable splints with aluminium internal covering. They allow an effective immobilization thanks to their capacity of adaptation. Supplied with velcro straps for a quick fixing.

STE124

STE123

STE125



AVAILABLE IN 5 SIZES:

- LEG
  - ARM
  - FOREARM
  - WRIST
  - ANKLE/ELBOW
- SET OF 5 pcs. WITH CASE AVAILABLE

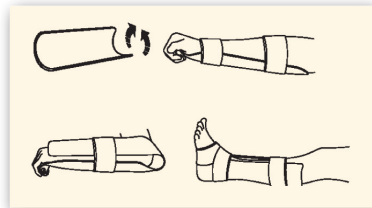
## "NEO SPLINT" MODEL



## SET "BOSTON"



CODE
STE110
PRICE
€ 42,00



## SET OF 4 CONFORMABLE SPLINTS

CONTENTS	
2	5x11 cm
1	45x11 cm
1	100x11 cm

Ideal to vertically and horizontally immobilize the head and the spinal column of the injured. Thanks to the wrapping structure, it allows the extraction of the blocked person lessening the trauma caused by the transport. Supplied with belts and buckles of different colors for a quick and easy usage, forehead and chin pillow and straps. Supplied with a case for the transport.

CODE
EST001
PRICE
€ 280,00



## SPINAL IMMOBILIZER

## ALLUMINIUM/SPONGE SPLINTS



Splints for compound fractures made of aluminium and sponge. They can be broken and shaped. Ideal to immobilize small fractures.

## AVAILABLE IN 3 SIZES

CODE	SIZES	PRICE
STE118	46x1 cm	€ 3,27
STE116	46x1,9 cm	€ 3,27
STE119	46x2,5 cm	€ 3,27



## "BOSTON" SPLINT



CODE	PRICE
STE114	€ 28,00

Shapable splint for fractures. It can be washed and disinfected. Radiolucent and covered with non-toxic material.

Dim. cm92x11



Made of polyurethane foam and covered with waterproof material. It allows a quick and safe immobilization of the injured's head. Accessory recommended for atraumatic and spinal stretchers.



CODE	PRICE
FER001	€ 186,67

## BASIC HEAD IMMOBILIZER

## ATRAUMATIC STRETCHER

### IN ACCORDANCE WITH LAW EN1865

Indispensable stretcher in cases where it is necessary to assure the immobilization of the injured in order to avoid additional trauma. Entirely built with profiles made of anodized aluminium.

Supplied with opening/closing security system at both ends. Block and regulation system available

at different lengths to adapt the stretcher to the patient's height. Non-skid surface.

Tests effectuated to guarantee the rated carrying capacity of 150 kg.

Provided with a set of 3 safety belts.



Dim. opened 205x44 cm

Dim. closed 165x44 cm

Dim. folded 117x44 cm

Weight 9 kg

Maximum carrying capacity guaranteed at full extension: 150 kg.

CODE	MODELS	PRICE
BAR017	Atraumatic stretcher	€ 886,67
CUS103	Nylon case	€ 98,00
ACC235	Set of 3 safety belts	€ 43,40



Case for stretcher



Set of 3 safety belts

## PLASTIC ATRAUMATIC STRETCHER

Indispensable stretcher in cases where it is necessary to assure the immobilization of the injured in order to avoid additional trauma. Made of plastic, which allows the usage of the stretcher with X ray. Supplied with opening/closing security system at both ends. Block and regulation system available at different lengths to adapt the stretcher to the patient's height. Non-skid surface. Provided with a set of 3 safety belts.

CODE	PRICE
BAR004	€ 1.353,33

Carrying capacity 159 kg

Weight 7 kg

Dim. opened 162x44,5x7 cm

Dim. closed 120x44,5x7 cm





## ROLL-UP STRETCHER

Carrying capacity guaranteed at full extension: 120 kg

CODE	MODELS	PRICE
BAR022	Roll-up stretcher	€ 420,00
CUS104	Nylon case	€ 91,00

Dim. opened 203x50x14 cm  
Dim. closed 203x15x17 cm  
Weight 9 kg



Stretcher case  
BAR020 - BAR022

## NFC SYSTEM STRETCHER

Foldable aluminium stretcher. The exclusive NCF system in zinc coated iron allows a safe and reliable usage even for the unskilled operators. Subjected to lab tests as required by DIN 13124 law.

SUPPLIED IN 2 VERSIONS  
WITH INSTRUCTIONS

CODE	MODEL	PRICE
BAR016	Stretcher foldable in 2	€ 420,00
BAR021	Stretcher foldable in 4	€ 420,00

### FOLDABLE IN 4

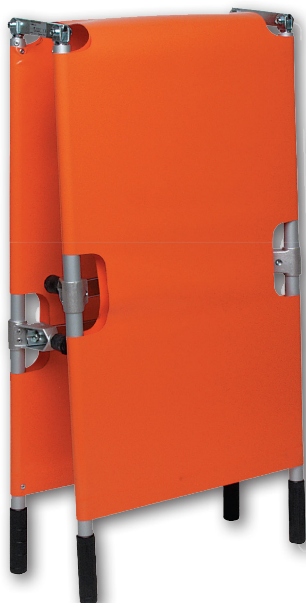
Dim. opened 203x50x15 cm  
Dim. closed 96x17x15 cm  
Weight Kg. 7

Maximum carrying capacity: 120 kg

### FOLDABLE IN 2

Dim. opened 203x50x14 cm  
Dim. closed 96x50x17 cm  
Weight 6,5 kg

Maximum carrying capacity: 120 kg





## STRETCHERS DIN 13024

Stretcher made of anticorrosive profiled aluminum silicium. Predisposed tips for the coupler to the ambulance's tracks, retractable holders, antiputrescent and self-extinguisher cloth. Supplied with 2 safety belts with quick click light alloys joints and pillow bag sewed on the cloth. Built in accordance with the DIN 13024 law.

CODE	MODELS	PRICE
BAR020	Strecher foldable in 2	€ 578,67
BAR023	Strecher foldable in 4	€ 655,20
CUS104	(1) Nylon case	€ 91,00
CUS100	(2) Nylon case	€ 72,33

### ROLLABLE - FOLDABLE (IN 2) VERSION

Maximum length 220 cm - Minimum length 187 cm  
Width opened 55 cm  
Width closed 10 - Depth 14 cm - Weight 8 kg

### FOLDABLE IN 4 VERSION (LENGTH - WIDTH)



Maximum length 220 cm  
Minimum length 92 cm  
Width opened 55 cm  
Width closed 10 cm  
Depth 14 cm  
Weight 8 kg



Case for stretcher  
BAR020 BAR022

Case for stretcher  
BAR023

## "ROLLY" STRETCHER FOR CONFINATED SPACES

Rollable stretcher, designed to be ideal for first-aid needs in confined spaces. It is an extremely flexible life-saving system that can be used when it is required the evacuation and transportation of the patient in difficult climatic and morphological circumstances, and it is necessary a quick rescue.

Main features:

Resistant to all environmental conditions, body fluids and blood. The specific material employed allows to wash the stretcher without risks. Infact it does not absorb any organic or biological fluid. Safety transport of the injured. The high resistance of the materials protects the injured during the transport operations and it offers a great support. Easy to use and prepare. The utilisation of belts, ribbons and buckles, painted in different colors, prevents potential mistakes in the preparation, and speeds up the usage.

It can be used both in vertical and horizontal, thanks to the specific holder.

Light and compact. The lightness of the material, the possibility to be rolled and the compact transporting bag, guarantee a practical transport and storage.

2



Technical features:  
Stretcher material: PE  
Handles material: Nylon.  
Carrying capacity: 150 kg.  
Weight: 7,3 kg  
Hanger Weight: 780 g



1

CODE		PRICE
BAR010	1	€ 2.352,00
MAT226	2	€ 840,00

## LOGIC CUPBOARD

Cupboard destined to the storing of a foldable stretcher (BAR016). Made of carbonium steel sheet, painted in orange epossipolyester RAL2004 treated in a 180° thermal gallery.

1 unmovable internal shelf, 1 shutter door with latch doorknob and double key lock.

Dimensions 1310x620x230 mm

CODE	PRICE
CAV298	€ 560,00



## STRETCHER CASES

Made of rigid waterproof nylon. Equipped with handles for transports and zip latch.

CODE	MODELS	PRICE
CUS100	(1) Nylon case	€ 72,33
CUS101	(2) Nylon case	€ 72,33



## BODIES COLLECTION BAG

Waterproof NWf single-use bag, internal waxed, equipped with 4 strong handles and central zip.

Particularly useful in case of bodies with liquid leaks.

Dimensions 215x80 cm - Weight 65 g



CODE
SAC001
PRICE
€ 53,67

## DEFLATABLE MATTRESS

Dimensions 200x98 cm

Supplied with 3 "snap-hook" quick lock 2 pcs. belts, and joints with plastic grapple. The extremely strong materials and the accurate usage are the prerogatives of a vacuum mattress that can be used by firemen, civil protection groups, industries and mountain rescue.



CODE
MAT224
PRICE
€ 840,00

## "BASKET" STRETCHERS



### FIXED VERSION

Made of high density polyethylene foam with aluminium frame. Equipped with polyurethane foam mattress and adjustable footstool. Supplied with 3 quick lock safety belts. Extremely light, it is highly recommended for the transport of injured in harsh conditions. Suitable for the transport of the spinal table ZOE.

Carrying capacity 278 kg  
Length 217 cm  
Width 62 cm  
Height 18,5 cm  
Weight 13,5 kg

CODE
BAR018
PRICE
€ 1.400,00

CODE
BAR018
PRICE
€ 1.400,00

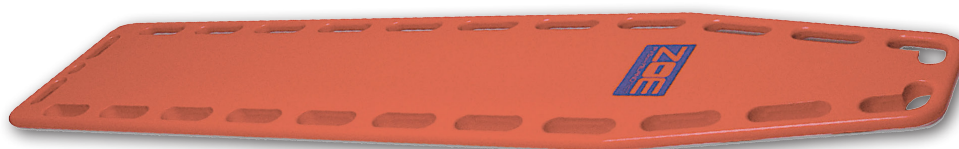
Weight kg 17,5

It has the same features of the FIXED VERSION. The only difference is that it can be split up transversely to favorite the operations of transport and stocking. To assure a perfect seal between the two parts, have been inserted 4 quick clutch.

### DIVISIBLE VERSION



## ZOE SPINAL TABLE



CODE
BAR025
PRICE
€ 420,00

Polyethylene spinal table. Compatible with all head immobilizers and all belts and immobilization systems. Perfectly adaptable to the stretcher "Basket BAR018". Orange standard color. Floatable and 100% radiolucent.

Dim. 183x40x4,5 cm - Weight 7,5 kg  
Carrying capacity 150 kg

## WEB HARNESS



Dim. 183x40x4,5 cm - Weight 7,5 kg  
Carrying capacity 150 kg

Stretcher made of tear-resistant material. It assure the patient immobilization. Equipped with a practical case.

CODE	PRICE
CIN002	€ 112,00



## LIFTING HARNESS

This harness can be used for the lifting and transport of the Basket stretcher BAR018 and BAR019. It is composed of a principal hook securable with a windlass to the emergency vehicle, 2 principal belts (length adjustable), and 4 belts provided with snap-hook for the stretcher's anchorage. Made of strong woven nylon, it is supplied with iron snap-hook with safety clip. The harness has a static strength of 17 KN (1734 Kgf) in environments in which the temperature goes from 0°C to + 40°C, according to the test taken at the National Agency Certification Components and Products. (ANCCP) According with the CE laws.



Minimum length 1116 mm  
Maximum length 1670 mm  
Maximum harness resistance 1700 kg  
Whole carrying capacity 278 kg

CODE
CIN004
PRICE
€ 578,67



## DEFLATABLE MATTRESS PUMPS

Recommended for deflatable splints and mattress.



CODE	MODEL	PRICE
POM002	PLASTIC pump	€ 88,67
POM003	ALUMINIUM pump	€ 158,67

**PLASTIC PUMP**  
Double effect pump supplied with tube and junctions

**ALUMINIUM PUMP**  
Aspiration only, supplied with tube



## INJURED LIFTING CLOTH

Made of polyester and painted in antiputrescent PVC, waterproof, easy to wash. Equipped with 8 handles for a safe transport of the injured.  
Supplied with case.

Dimensions 190x75 cm



CODE
TEL028
PRICE
€ 121,33



## GURNEY CHAIR - 2 WHEELS



CODE	PRICE
SED001	€ 840,00

Essential item for the transport of patients in the most uncomfortable places such as stairs, corridors and lifts, where the stretcher cannot pass. Equipped with 4 handles (2 of them frontal) to ameliorate the transport in every situation. Of minimal obstruction in folded position. Made of light aluminium with orange nylon waterproof cloth, 2 quick lock belts to immobilize the patient, 2 fixed wheels one of them supplied with a block to ameliorate the transport on smooth surfaces.

OPENED: Length 71 cm - Width 52 cm  
Height 91 cm - Weight 8,50 kg - Carrying capacity 150 kg

## GURNEY CHAIR - 4 WHEELS



CODE	PRICE
SED004	€ 980,00

Essential item for the transport of patients in the most uncomfortable places such as stairs, corridors and lifts, where the stretcher cannot pass. Equipped with 4 handles (2 of them frontal). Of minimal obstruction in folded position. Made of light aluminium with orange nylon waterproof cloth, equipped with glovebox pocket behind the backrest. Automatic safety block, 2 quick lock belts to immobilize the patient, 4 fixed wheels, 2 of them supplied with wheel-lock.

OPENED: Height 91 cm - Length 56 cm  
Depth 71 cm - Weight 8,50 kg - Carrying capacity 150 kg

## "SICUR TREK" EMERGENCY BLANKET

All-purpose blanket made of polypropylenic fibre. One side of Fralon and the other of metallic polyethylene film, fused together. The blanket is washable, waterproof and unassailable by mildew and microorganisms.

Depending on the side used, the blanket protects from heat or cold. It has a wide range of uses: camping, excursions, to keep in the car as an emergency blanket. Etc...

CODE	PRICE
COP210	€ 77,00

Dim. 200x150 cm



## "GOLDEN/SILVER" EMERGENCY BLANKET

Blanket made of polyester and covered in golden/silver aluminium.

Silver: protects from heat.  
Golden: protects from cold.

CODE	PRICE
COP216	€ 2,80



Dim. 201x160 cm

## SELF-LOADING STRETCHER

Self-loading stretcher, almost entirely made of welded iron, painted in power coating, that makes the stretcher extremely reliable and strong in every situation.

Provided with 4 wheels of 200 mm diameter, 2 of them fixed and with brake and 2 turning wheels made of a soft material which allows a wider comfort on rambling surfaces.

The different inclination of the legs allows a better stability during the use.

**SUPPLIED WITH MAT  
AND SAFETY BELTS**

Maximum charge height 64 cm  
Minimum charge height 50 cm  
Wide height 28 cm  
Weight 40 kg  
Carrying capacity 160 kg



- Rigid loading bed in reinforced thermoplastic material
- Reclining seatback (0° -80°) activated by a gas piston.  
Can be blocked in each position
- Flappable sideboards
- Vertical legs safeguarded with plastic bumpers
- Turning wheels with self-centrating system to allow the stretcher's collocation on the ambulance avoiding to turn the wheels manually
- Frontal adjustable landing gear useful to allow to adapt the stretcher height of carriage depending on the type of ambulance.

CODE
BAR024
PRICE
€ 8.101,33

## SAMARITAN PAD 350P SEMIAUTOMATIC DEFIBRILLATOR

### Light and compact

The smallest semiautomatic defibrillator on the market.

### Easy to use

The simultaneous presence of visual and vocal commands (ex. "Apply the electrodes", "Do not touch the patient" or "The patient can be touch without risks now") guide the user during all the first-aid process, even in cases of a noisy environment or rescuer which suffer from "Sensorineural hearing loss".

Furthermore, it can be also used directly from its restraint bag, significantly reducing the device's starting time.

### Biphasic wave SCOPE

This biphasic wave allows the defibrillator (in comparison with the other devices on the market) to manage bigger impedance fringes, assuring performances never seen before: the best life-saving therapy ever, with the lowest level of collateral damages for the cardiac cells.

### Resistant

The shelter indicator IP56 is the highest shelter indicator available on the market, it assure a complete protection against the penetration of dust and water jets from all the directions. Rain, water jets, saltiness, mud, humidity and dirt, do not affect the performances of the defibrillator.

### "Pad-Pak" cartridge

It allows to have only one expiration date to check, unlike the other brand's defibrillators. After the usage or after 4 years from the date of built, it is sufficient to substitute the "Pad-Pak" cartridge for an immediate reactivation of the functioning of the device.

**Warranty:** 10 years - **Weight:** 1,1 kg.

**Case - Insurance covering**



CODE	MODELS	PRICE
DEF021	SAMARITAN 350P + CASE	€ 3.920,00
DEF020	TRAINER VERSION	€ 784,00
DEF022	PAD PAK PIASTERS for ADULTS	€ 914,67
DEF023	PAD PAK PEDIATRIC PIASTERS	€ 914,67



### “LIFE LINE AED” SEMIAUTOMATIC DEFIBRILLATOR



CODE	VERSION	PRICE
DEF001	STANDARD	€ 5.226,66
DEF000	TRAINER VERSION	€ 3.201,33

#### Easy and innovative

The “AED Lifeline” combines advanced technology solutions with a great immediacy and clarity of use to assure a safe and efficient emergency intervention, even in presence of non-medical staff.

#### Diagnostic quality

The algorithms’ analysis of the heart rhythm are so much reliable and certain that they fully satisfy even the more strict requirements demanded from the US and European Standards (American Heart Association, European Resuscitation Council).

#### Wave’s shape

The biphasic truncated exponential wave assures a verified effectiveness; this wave is the one of which more clinical datas are available.

#### Therapy personalization

The adult and pediatric procedures and the impedance compensation during the electric shock allow a complete adaptation of the therapy to the patient.

#### Usable in extreme conditions

The “AED Lifeline” has passed the most extreme tests of: temperature, humidity, vibration, fall, waterproof, immunity to electromagnetic interferences and dust and water resistance. It is proved to be the most appropriate semiautomatic defibrillator to be used and maintained in every environment conditions.

### “LIFE LINE AED” DEFIBRILLATOR BAG

Bag for “LifeLine AED” semiautomatic external defibrillator. Supplied with high visibility reflective strap, handle and shoulder strap for a safe and easy transport. External pocket and zip latch.



Dim. circa 24lx13px40h cm  
(handle included)

CODE	PRICE
DEF015	€ 421,40

### “LIFE LINE AED” ELECTRODES SET FOR DEFIBRILLATOR

Sticky electrodes set for the external cardiac defibrillation and monitoring (for adults patients of more than 8 years old) compatible with the DEF001 defibrillator.



CODE	PRICE
DEF002	€ 392,00



## "IPAD CU-SP1" DEFIBRILLATOR

The CU-SP 1 is a next-gen defibrillator with innovative features:

**Automatic volume regulation:** Cu-Sp1 is able to self-regulate its volume depending on the environment noises.

**Defibrillator pre-connected ready-to-use piasters :** Cu-Sp1 is equipped with pre-connected piasters placed in an appropriate compartment under the defibrillator. This assure the defibrillator to be ready-vo-use in the shortest time possible.

Furthermore, the device is provided with an exclusive technology which is able to make a detailed control of the piasters' conditions. The frontal part of the defibrillator, in fact, hosts a changing-color light indicator which change is color 3 months before the expiration date of the piasters and when these expires definitively. This precise indication, permits the acquisition of new piasters in good time.

**CPR detector:** The "iPad CU-SP1C" defibrillator is able to detect if the CPR manoeuvre has already been practiced or not. If it has not been practiced yet, it urges the operator to do it; otherwise it encourages the operator to continue his work, guiding him during the operation.

CODE	MODEL	PRICE
DEF050	CU-SP1 + BAG	€ 4.083,33

### Technical features:

- Mode: Semi-automatic
- Wave form: Biphasic exponential trunked
- Energy: 150J fixed
- Adult: 150J nominal, 50 ohm impedance
- Adult/Child: From 50J nominal to 50 ohm
- Charge control: Controlled by the automatic patient's analysis system
- Charging time: <10 seconds from the low battery alert
- Waterproof: Protection against water jets  
IPX5 for IEC60529 (IP55)
- Protection against dust  
IP5X for IEC60529





Dim. 425Lx215Px480H mm  
Empty Weight 6 kg

### OUTDOOR DEFIBRILLATOR CASE

CODE	VERSION	PRICE
DEF041	Standard case	€ 653,33
DEF041/T	With thermoregulatory	€ 1.162,00
DEF041/TA	With thermoregulatory and alarm	€ 1.283,33

Metallic defibrillator cupboard made of carbon P02 steel, 15/10 thickness. Watertight weldings on all sides, 1 window shutter (4 mm acrylic transparent slab) with seal. Metallic alloy zips, tear and corrosion resistant. Adjustable internal shelf, grid-shaped to favorite the circulation of the warm air. Wall fixing system. Click lockable closure. Electrical resistant thermoregulation system (200W-300W power), bulb thermostat, temperature range -30°/+30°, thermostat adjustable temperature with control knob. Protection level IP44. Antitheft radio alarm with magnetic sensor and 105dB siren, alkaline 9V battery-powered, supplied with remote radio control to activate and deactivate the device from long distance.

### DEFIBRILLATOR CASE

Made of zinc-coated carbon P02 steel metal sheet. Painted in white epoxy polyester powdered paint RAL9010, subjected to 180° passage in thermal gallery. 1 window shutter, zinc-coated zips 180° opening. Pad lockable seal closure made of nickel-plated ZAMAK. Wall fixing holes.

#### ALARM EQUIPPED VERSION

Version equipped with magnetic acoustic (100dB) alarm. Remote control system for activation and deactivation.



Dim. 425x452x160 mm  
Weight 6 kg

CODE	VERSION	PRICE
DEF040	Case without alarm	€ 182,00
DEF040A	Case with alarm	€ 373,33

### METALLIC TOTEM

Metallic totem made of carbon PO2 steel. Thickness 15/10 for defibrillator's cupboards. Dim. 190x50x38 cm (HxPxL)



CODE	VERSION	PRICE
DEF035	Indoor totem (no case)	€ 1.045,33
DEF036	Outdoor totem (with case)	€ 1.176,00

## ACCESSORIES KIT FOR DEFIBRILLATOR



Kit pocket mask MAS017 containing accessories for the defibrillation and reanimation.

### CODE

MAS019F

### PRICE

€ 22,87

### CONTENTS

1	Pocket mask	1	Pack of 4 vinyl gloves
3	Disinfectant wipes	1	Trichotomy razor

## WALL FIXING BRACKET

Wall fixing bracket for defibrillator, made of carbon steel (thickness 18/10)



### CODE

SPP010

### PRICE

€ 74,67

## DEF BASE & SIGNALS

Expositive base designed for the cupboards' installation for all kinds of defibrillators (cupboard not included). Suitable for outdoor and indoor placement. Made of zincate carbon steel sheet painted in oven-fire. Strong structure with wide surface for the collocations of safety warnings or promotional communications. Measures: 2000x500x400



### CODE

E0101782B

### VERSION

Bifacial signal DAE

### PRICE

€ 4,62

E010B1782B

Bifacial signal DAE

€ 18,10

PIA040

Base for DEF040

€ 214,67

PIA041

Base for DEF041

€ 214,67

## "LITTLE ANNE"

### CODE

MAN002

### PRICE

€ 1.176,00

### CONTENTS

1	Instruction
1	Disinfectant solution
2	"Visi Resusci" Manikin face (1 extra)
1	Transport/Training platform bag
2	Respiratory tracts "Little Anne" (1 extra)



The "Little Anne" manikin has been designed to provide an economic alternative in the RCP training programs (Cardiopulmonary Reanimation). Thanks to its affordable price, several manikins can be used during the lessons, increasing the level of active participation and practice of the students.

Each "Little Anne" manikin, simulates an adult body anatomically and physiologically normal, and it is designed for the realistic teaching of basic reanimation techniques and in particular for the cardiopulmonary reanimation.

Natural respiratory traits obstruction. Realistic facial features and movable jaw. Simulation of human ventilation and compression complication. Raising and falling of the chest during the ventilations. Realistic reference points to individuate the compression point. Acoustic signal confirmation of the well-executed compressions.

Transporting bag convertible in training platform.

### "BETA" KIT

Nylon cross body bag with internal pocket and zip latch.

First-aid kit containing products for an effective first-reanimation.

Ideal for dental offices, sports clubs, industrial companies, emergency vehicles, etc...

Note for the Oxygen tank:

The tank provided is empty because the oxygen is considered a medicine and it has to be bought in a pharmacy by the final user. The latter has to communicate the VAT identification number or the social security number at the moment of the first charge. The code will be carved on the appropriate cylinder's metal ring.

CODE	MODEL	PRICE
RMB021	Complete - with contents	€ 119,47
BPS262	Empty bag	€ 38,50

Complete Weight 1 kg  
Dim. 350x220x150 mm



CONTENTS	
1	"Asibag" bag valve mask
2	Oro-nasal masks
1	PINOCCHIO helical gag
1	Polycarbonate tongue tweezer
3	Guedel sterile cannulas (s, m, l)

### "ASIBOX" KIT

Shockproof polypropylene briefcase, with click clips latches.

First-aid kit containing products for an effective first-reanimation.

Ideal for dental offices, sports clubs, industrial companies, emergency vehicles, etc...

Note for the Oxygen tank:

The tank provided is empty because the oxygen is considered a medicine and it has to be bought in a pharmacy by the final user. The latter has to communicate the VAT identification number or the social security number at the moment of the first charge. The code will be carved on the appropriate cylinder's metal ring.



CODE
RMA018/E
PRICE
€ 182,93

Dim. 500x360x120 mm  
Complete Weight 3 kg



CONTENTS	
1	"Asibag" bag valve mask
2	Oro-nasal masks
1	PINOCCHIO helical gag
1	Polycarbonate tongue tweezer
3	Guedel sterile cannulas (s, m, l)
1	Oxygen mask with anti-crushing tube



## AMBU SPUR II

Single-use Ambu® SPUR® II resuscitator with mask. It is designed to be used in adults and children (more than 30 kg of weight) pulmonary reanimation. In compliance with the product standard EN ISO10651-4 and with the directive 93/42/CEE of the council regarding the medical devices.



CODE	PRICE
PRM065	€ 53,76

## PVC BAG VALVE MASK

Bag valve mask made of PVC, mask equipped, 1600 ml of ventilation volume, supplied with overpressure valve and oxygen reservoir connector. Demountable and cold disinfectable with bactericidal and anticorrosive solutions.



CODE	VERSION	PRICE
PRM298	CHILD	€ 53,76
PRM299	ADULT	€ 53,76

## SILICONE BAG VALVE MASK



CODE	VERSION	PRICE
PRM062	ADULT	€ 100,80
PRM063	CHILD	€ 100,80
PRM064	INFANT	€ 100,80

Silicone bag valve mask, 1600 ml ventilation volume, cold disinfectable with bactericidal solutions.

The case contains: bag valve mask equipped with overpressure valve, demountable oxygen connector and reservoir, oro-nasal mask.

**"ASIMASK" ORO-NASAL MASKS**

Transparent maskw with pneumatic frame for a greater face adhesion.



CODE	VERSION	PRICE
MAS054E	CAL. 0	€ 8,96
MAS055E	CAL. 1	€ 8,96

CODE	VERSION	PRICE
MAS056E	CAL. 2	€ 8,96
MAS057E	CAL. 3	€ 8,96

CODE	VERSION	PRICE
MAS058E	CAL. 4	€ 8,96
MAS059E	CAL. 5	€ 8,96

**ORO-NASAL SILICONE MASKS**

Anatomic shape, completely autoclavables



CODE	VERSION	PRICE
MAS040	CAL. 0	€ 7,84
MAS041	CAL. 1	€ 11,57

CODE	VERSION	PRICE
MAS042	CAL. 2	€ 11,57
MAS043	CAL. 3	€ 18,48

CODE	VERSION	PRICE
MAS044	CAL. 4	€ 18,48
MAS045	CAL. 5	€ 18,48

## GUEDEL CANNULAS

Anatomic and made of non-toxic PVC. Packaged in sterile boxes. Each size can be recognised by a color code.



(CAL.00)

(CAL.0)

(CAL.1)

(CAL.2)

(CAL.3)

(CAL.4)

CODE	VERSION	PRICE
GUE064	CAL. 0	€ 1,83
GUE067	CAL. 00	€ 1,83

CODE	VERSION	PRICE
GUE068	CAL. 1	€ 1,83
GUE069	CAL. 2	€ 1,83

CODE	VERSION	PRICE
GUE070	CAL. 3	€ 1,83
GUE071	CAL. 4	€ 1,83

## POLYCARBONATE TONGUE TWEEZER



CODE	PRICE
PIN201	€ 6,53

## STAINLESS TONGUE TWEEZER



CODE	PRICE
PIN065	€ 41,07

## "VENTO" RESUSCITATOR

Single-use mouth-to-mouth resuscitator with polycarbonate unidirectional valve and non-toxic protective PVC screen. Considering its small dimensions it is an useful accessory in every first-aid kit. (4 languages version)



CODE	VERSION	PRICE
RMA025	IT / GB / DE / FR	€ 3,55

## "VENTO" KEYCHAIN

CODE	VERSION	PRICE
RMA037	(1) FR / DE	€ 6,53
RMA038	(2) IT / GB	€ 6,53



## PINOCCHIO

CODE	VERSION	PRICE
APR100K	(1) WITH "VENTO"	€ 9,15
APR100	(2) STANDARD	€ 6,09

Helical gag made of nylon. It has a practical handle which allows a safe grip. It is equipped with a compartment for the potential insertion of the VENTO mouth-to-mouth resuscitator.



### "POKET MASK" IN BLUE BAG

Pneumatic framed mask for mouth-to-mouth resuscitation. Equipped with unidirectional valve and oxygen joint. Provided in a blue and yellow bag with external velcro pocket and inferior pocket with zip latch. Belt loop. Designed for the no touch mouth-to-mouth resuscitation. Oxygen potential joint. Bag with 2 pockets for possible accessories (such as: disinfectant wipes, gloves, guedel cannula).



CODE	PRICE
MAS017	€ 11,95



### PAPER BOBBIN

Couple of paper bobbin of 800 rips.

CODE	PRICE
7971	€ 46,93



### "POKET MASK"

Pneumatic framed mask for the mouth-to-mouth resuscitation. Equipped with unidirectional valve and oxygen joint. Polypropylene box provided.

CODE	PRICE
MAS001	€ 11,95





## OXYGEN MASK

Anatomic shape, provided with elastic and metallic nose clip. Supplied with 1,8 m anti-crushing tube with univesal joints.

CODE	PRICE
MTU070	€ 5,97



## OXYGEN MASK WITH RESERVOIRE

Anatomic shape, provided with elastic and metallic nose clip. Supplied with 1,8 m anti-crushing tube with universal joints.

CODE	PRICE
MTU071	€ 8,96



## "VENTURI" MASK

It allows to administer variable oxygen concentrations (from 24 to 50 %). Mask made of non-toxic material, provided with elastic, metallic nose clip and anti-crushing tube.

CODE	PRICE
MAS065	€ 8,96



## OXYGEN THERAPY SPECTACLES

Nasal non-toxic cannula. Recommended for the administration of low concentrations of oxygen. Safe and simple to use, easily bear. The nasal insertions can be shaped to be suitable to the face. It does not interfere with the alimentation. Supplied with anti-crushing tube.

CODE	PRICE
OCC245	€ 3,55



## OXYGEN TUBE

Oxygen tube made of anti-crushing and non-toxic material. 1,8 m.

CODE	PRICE
TUB100	€ 2,43



## 1 SHUTTER SHOWCASE CLOSET

Showcase painted in epoxy white-blue powder, one glass shutter provided with keyhole and three adjustable glass shelves, equipped with four angular legs with non-slip tips.

Dim. 53x36x144h cm  
Weight 34 kg

CODE	CODE
INF053	IMB216
PRICE	PRICE
€ 1.120,00	€ 107,33

The product is shipped in a strong wooden box in order to protect the glass parts. The box cost is not included in the price.



Showcase painted in epoxy white-blue powder. The upper part is provided with 2 glass clapper shutters with keyhole and 2 adjustable glass shelves. The lower part has 2 iron sheet clapper shutters painted and equipped with keyhole and a iron sheet shelf. The case is supplied with 4 angular legs with non-slip tips.



Dim. 75x38x169h cm  
Weight 48 kg

CODE
VET223
PRICE
€ 1.857,33

## 4 SHUTTER SHOWCASE CLOSET

## SURGICAL TOOLS CART

Surgical tools cart of 2 levels made of melamine, ideal for lanes. Equipped with containment railings, loom made of round itallumag tube and 60 d. pirouetting wheels. Delivered unmounted.

Dim. 60x40x77h cm  
Weight 34 kg

CODE	PRICE
CAR263	€ 835,33



## SURGICAL TOOLS TABLE

Surgical tools table, loom made of white painted metal. 2 laminate shelves.

CODE	PRICE
INF049	€ 361,67

Dim. 60x40x80h cm  
Weight 34 kg



## EXAMINATION TABLE



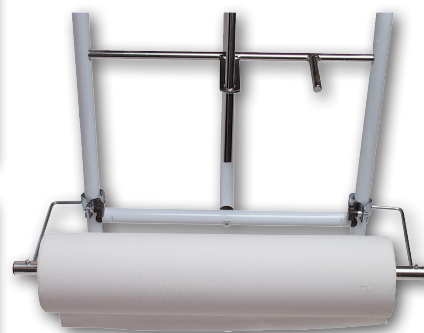
1 junction examination table, painted tube loom, 4 cm of heliocyte padding covered in grey sky. Delivered unmounted.

CODE	PRICE
LET222	€ 980,00

Dim. 176x60x78h cm  
Weight 48 kg

## ROLLS RETAINER

Rolls retainer for examination table LET222



CODE	MODEL	PRICE
INF281	Rolls retainer	€ 79,33
ROT049	Paper roll	€ 134,40

ROT049 PRICE for an obligatory package of 6 rolls.

## PORTABLE EXAMINATION TABLE

Thanks to its lightness (only 15 kg) and its quick opening system, it is of easy usage. Recommended for physical and massage therapists, sport centres and companies without nursery room but with the obligation of periodical medical examinations.

Metallic white painted structure, washable black sky padding, adjustable headrest. Nylon case available upon request.



CODE	MODEL	PRICE
VAL266	Portable table	€ 723,33
CUS227	Nylon case	€ 50,63

Dim. opened 87x60x13 cm  
Dim. closed 175x60x72 cm  
Weight 15 kg  
Carrying capacity 100 kg

## LITTER BIN



14 lt. litter bin with pedal and removable internal zin-coated bucket. Available in 2 versions (White - Inox).

CODE	VERSION	PRICE
INF059	WHITE	€ 91,00
INF288	INOX	€ 112,00





## LADDER

1 step ladder. Chromium-plated steel loom with plastic step.  
Legs with non-slip tips.

Dim. base 28x39 cm, 22 cm height

Dim. step 20x38 cm

Max Weight 150 kg

CODE
INF287
PRICE
€ 112,00



## 2 STEPS LADDER

2 steps ladder made of chromium-plated steel. Fixed structure. Plastic steps.

Dim. base 52 x 39 cm

Dim. steps 20 x 38 cm

Steps Height 22 cm e 44 cm

Max Weight 150 kg

CODE
INF295
PRICE
€ 158,67



## CHAIR



Painted chair with laminated grey seat and seatback.

CODE
INF056
PRICE
€ 303,33

## SMALL ARMCHAIR



Painted armchair with seat, seatback and armrest of grey laminate.

CODE
INF055
PRICE
€ 462,00

## FOLDING SCREEN - SUPPORT - COAT RACK



CODE	MODEL	PRICE
INF285	Folding screen with 3 shutters. Aluminium loom and washable cloths.	€ 504,00
INF051	Support for Hypodermoclysis with 2 hooks, base with 5 plastic link arms with wheels.	€ 149,33
INF060	Column coat rack painted in white, umbrella stand provided. Base with 5 plastic link arms. Delivered unmounted.	€ 303,33



## WALL X-RAY VIEWING BOXES

Made of white painted metal. Opal unbreakable diffuser equipped with cold fluorescent light.  
Alimentation 220V/50 Hz stainless steel film retainer.



80x43 cm



40x43 cm

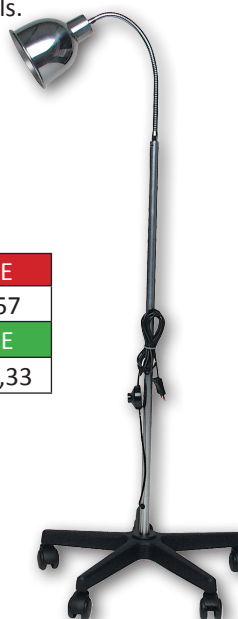


120x43 cm

CODE	VERSION	PRICE
NEG001	40x43 cm	€ 354,67
NEG002	80x43 cm	€ 513,33
NEG003	120x43 cm	€ 840,00

## AMBULATORY LAMP

Ambulatory lamp, base with 5 plastic link arms with wheels.



CODE
INF057
PRICE
€ 401,33

External dim. 120x70x78h cm  
Weight 31kg

## STOOL

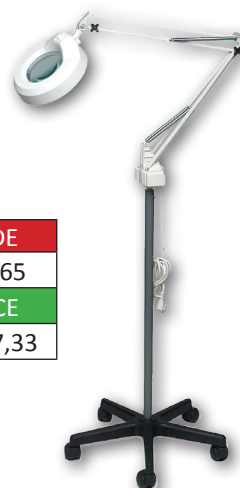
Screw stool with grey colored padded seat and base with 5 link arms. No wheels provided. H. 49/61 cm.



CODE
INF058
PRICE
€ 317,33

## GLASS LENS LAMP

3 dioptries glass lens lamp (ø 12 cm), cold 22W fluorescent light, adjustable headlamp, shockproof protection. Mounted on a pantograph arm. Base with wheeled tripod. Alimentation 220V/50 Hz, built following the C.E.I. norms. 62/5 valid for the electro-medical devices.



CODE
INF065
PRICE
€ 457,33

## DESK

Desk with 2 lateral drawers, the upper one provided with keyhole, painted tube loom and melamine surface. Delivered unmounted.



CODE
INF054
PRICE
€ 1.418,67

**"SANAPHON" SPHYGMOMANOMETER**

Aneroid sphygmomanometer. Pavillon included and directly located on the armband. Included stethoscope screwed to the pavilion. Light and strong metallic case. Special hardened copper beryllium membrane. No fixing to 0. Gratueted scale in 65 mm alluminium of easy interpretation (maximum value: 300 mmHg). Stainless steel spoon. Latex insufflation bulb and nickel-plated release valve. Tube joint points on the right lower part of the nickel-plated pressure gauge.

Maximum device's tollerance:

+/- 3 mm Hg.

Bloc-notes to write the measured pressure values.

Supplied in nylon padded bag with zip latch.



CODE	PRICE
SFI237	€ 312,67

**SPHYGMOMANOMETER WITH PHONENDOSCOPE**

0-300 mmhg scale. Nylon armband with velcro. Phonendoscope with plate head fixed on the armband. Zip case made of leatherette.

CODE	PRICE
SFI240	€ 44,80

**COLUMN SPHYGMOMANOMETER - NO MERCURY**

Ideal for professional blood pressure measurement made with auscultator method. No mercury. Wide backlighted display easy to read, 5 indicators for the memorisation of the measuring results and the heart pulse data. 3 years warranty. Ila CE0123 Class medical device.

CODE	PRICE
SFI245	€ 172,67

## "RAPPAPORT" STETHOSCOPE

Twin tube. Metallic head. Rotating pavillons for 2 functions.  
Bag for accessories with 3 different sizes bells: 2 soft olives, 2 rigid olives and 2 membranes.

CODE	PRICE
STE235	€ 33,60



## PHONENDOSCOPE

46 mm diameter anodize aluminium head, threaded ferrule to block the membrane. Chromed metal connection frame, 150 mm length. Rubber single-piece tube Y shaped, 60 mm length.

CODE	PRICE
INF061	€ 22,87



## LARINGOSCOPE

Laryngoscope with conventional light and 4 blades. (1, 2, 3, 4)

Trix polypropylene case.

CODE	PRICE
LAR001	€ 401,33



## OPHTHALMOSCOPE

Standard 2,5V illumination. Head with screw block and corrective lens from 0 to +20 and from 0 to -20 dioptres provided with a large circular and individual diaphragm. Plastic handle for 2 AA batteries. Supplied with case.

CODE	PRICE
OFT001	€ 326,67



## OTOSCOPE

Standard 2,5V illumination. Plastic head, screw joint with 2,5 lens. Provided with 5 single-use speculum. Measures: 2.5 and 4 mm. Plastic handle for 2 AA batteries. Supplied with case.

CODE	PRICE
OTO001	€ 149,33



## INSTANT FRONTAL INFRARED THERMOMETER

Quick and high precision, clinically tested. Easy to use and read thanks to the display located on the opposite side of the probe. Accuracy in compliance with the ASTM E-1995-98 & EN 12470-5 standards. 3V lithium battery CR2032.

CODE	PRICE
TER175	€ 102,67



## GALLIUM THERMOMETER

It replaces the mercury model. The liquid utilised is an alloy of gallium, indium and tin, and it is completely non-toxic and does not damage the environment.

CODE
TER174
PRICE
€ 16,80



## CLINICAL DIGITAL THERMOMETER

Clinical digital thermometer for the measurement of the body temperature. Compared to the traditional mercury-in-glass thermometer it has several advantages. In fact it is very quick and easy to read, it is precise and reliable in the measurement, it has a memorization system and an acoustic signal at the end of the measurement to inform the user.

CODE
TER167
PRICE
€ 16,80



## DIGITAL THERMOMETER WITH VISUAL FLU ALARM

Digital thermometer with visual flu alarm. If the recorded temperature is lower than 37.5°C, the display turns green. Otherwise, if the recorded temperature is higher than 37.5°C the display turns red, pointing out the flu presence. Precise and accurate, the thermometer is provided with a flexible probe and a wide display easy to read.

CODE
TER172
PRICE
€ 35,00





## LIGHT-PEN

Light-pen for medical usage. It runs with the supplied 1.5V stylo batteries.



CODE	PRICE
PEN001	€ 8,87

## "VACUUM PUMP" ASPIRATOR GUN

Manual and portable aspirator. Light and easy-to-use device. It can be inserted in the first-aid kits, thanks to its small dimensions. The kit is composed of a reusable vacuum pump handle, 2 tanks with stopper, 2 catheter (one rigid and one flexible).

**The device must be used by qualified medical staff only.**

Weight: 350 gr.  
Dim. 280 x 196 x 65 mm  
Features: Empty (max) 450 mmHg  
thank capacity  
Single use: 250 ml  
Temperature of usage: -20° / +50°



CODE	PRICE
ASP323	€ 177,33

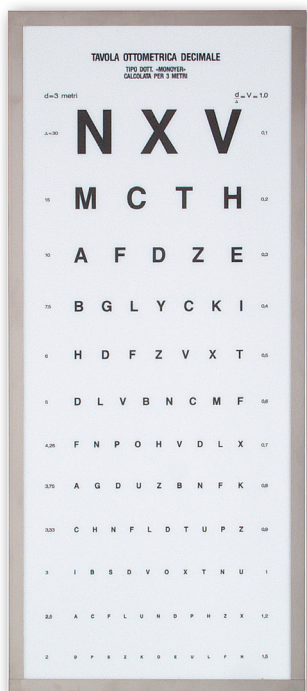
## "MONOYER" OPTOTYPE

2 models available. Made of painted metal. Cold fluorescent light illumination through an unbreakable opaline diffuser made of acrylic silk-screened material. 3 m distance.

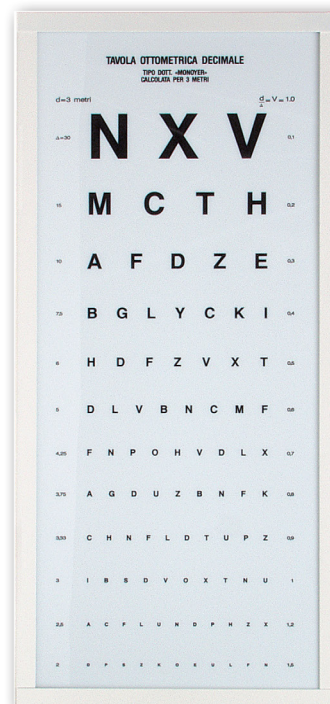
In accordance with the C.E.I. 62/5 norms, valid for the electro-medical devices.

CODE	VERSION	PRICE
OTT225	SIMPLE	€ 133,00
OTT226	LUMINOUS	€ 394,33

### SIMPLE VERSION



### LUMINOUS VERSION



Dimensions:  
31 x 68 cm

## AUTOMATIC DIGITAL WRIST SPHYGMOMANOMETER

Internationally ESH tested and clinically validated. Wide display, 60 memories divided in 2 memory areas. Measurement range: 30-260 mm Hg, 40-199 wrist heartbeats for minute. Nylon zip bag with AAA LR06 batteries included.

CODE	PRICE
SFI001	€ 224,00



## AUTOMATIC DIGITAL SPHYGMOMANOMETER



Automatic digital pressure gauge, for the measurement of the arterial pressure. ONE TOUCH technology easy-to-use. Measurement method: oscillometric. Measurement range: 40-250mmHg pressure; Heart rate 40-199 heartbeats for minute. Alimentation CC: No. 4 R06 (AA) 1,5V CC batteries.

CODE	PRICE
SFI002	€ 200,67

## AUTOMATIC DIGITAL SPHYGMOMANOMETER

Automatic digital device for blood pressure self-measurement. It calculates the average of the last 3 measurements. Pressure values indicator. USB port for the PC connection (software and cable upon request). Supplied with a practical case and batteries. EN1060-1 EN1060-3 EMC 89/336/EEC certifications.

CODE	PRICE
SFI003	€ 242,67



## ADR BAG

First-aid kit designed for the units destined to the on road transport of dangerous goods.

The contents is in compliance with the current Italian and European legislation.

Legislation baseline:

- DM 04/09/1996 actualization of the European directive 94/55/CE
- DM 15/05/1996 actualization of the European directive 96/86/CE
- DM 28/09/1999 actualization of the European directive 1999/47/CE

IMPORTANT: the vehicles must have an adequate wheel blocking wedge and the planned material expected by the written instructions for the driver (TREM CARD) which depend on the carried goods (marginal 10.385)

Polyester blue 600D bag, handle and shoulder strap for the transport. Separated upper and lower compartments (with rigid bottom for shoes or other objects), lateral pocket and yellow ADR writing.

Dimensions: 510x320x520H

CODE	MODEL	PRICE
CPS619	ADR STANDARD	€ 531,67
CPS620	ADR GAS	€ 725,00

Contents of ADR STANDARD bag:

- 2 Signalling lamps Cod. 6157
- 4 Batteries Cod. 6158
- 2 AV orange vest Cod. 4538
- 2 Atex hand torches Cod. 6210
- 1 Pair of gloves Cod. 6296
- 1 Bobbin of tape B/R Cod. NSP720BR
- 2 Saline sterile solution bottles Cod. ACQ414
- 1 First-aid briefcase, attached 1, in compliance with DM 388 Cod. CPS513 norm.
- 1 Pair of glasses Cod. 10401
- 1 Single-use coverall Cod. 10740



Contents of ADR TRANSPORT GAS bag:

- 2 Signalling lamps Cod. 6157
- 4 Batteries Cod. 6158
- 2 AV orange vest Cod. 4538
- 2 Atex hand torches Cod. 6210
- 1 Pair of gloves Cod. 6296
- 1 Bobbin of tape B/R Cod. NSP720BR
- 2 Sterile saline solution bottles Cod. ACQ414
- 1 First-aid briefcase, attached 1, in compliance with DM 388 Cod. CPS513 norm.
- 1 Pair of glasses Cod. 10401
- 1 Single-use coverall Cod. 10740
- 1 Protective mask Cod. 6187
- 1 ABEK2P3R filter for mask Cod. 6197



Optional articles:

- 1 Biphacial warning sign "RISK OF FALLING" yellow color Cod. 6091
- 1 Foldable shovel ATEX Cod. 6180
- 1 Wheel blocking wedge Cod. CLZ6841
- 1 Yellow colored helmet Cod. 6216
- 1 Yellow boots Cod. 4637
- 1 Neoprene gloves
- 1 Traffic cone 50 cm Cod. COP250BR
- 1 Orange ballast sack Cod. DSM6040
- 1 Drain cover Cod. 6086
- 1 First-aid briefcase in compliance with DIN 13164B Cod. CPS222 norm. (for foreign countries)







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6



# PERSONAL PROTECTIVE EQUIPMENT

## HEAD PROTECTION-HELMETS

Helmets are headgear with a cup form, generally made of a plastic and resistant material (thermoplastic polycarbonate) or reinforced (glass fiber) or metallic (aluminium or another light alloy) used in order to protect the head from the impact and from the fall of objects.

They are fated to protect the parietal zones, the top of the head and the nape, so the part of the head included above an horizontal baseline plane (basic-plane) delimited by lines which join the auditory external duct with the lower board of the orbit.

The degree of protection that helmets can offer is conditioned, on the one hand, by physiological constraints of tolerability of stress impact, and on the other hand by the difficulty of technical order connected to the realization of a means which must have at the same time an adequate mechanical strenght, an high damping capacity and a not elevated weight.

The main characteristics that helmets must have are:

- 1) impacts absorbtion
- 2) perforation resistance
- 3) rain and sunlights resistance
- 4) fire resistance
- 5) dielectric properties (perforation tension not less than 10 kV).

### **Law EN 397: Protective helmets for industries**

The law EN397, related to "protective helmets for industries", requires the following for the marking:

Every helmet must have a printed or embossed mark with the following indications :

- a) the number of the present european law, b) the name or brand of the manufacturer ,
- c) the year and quarter of manufacture, d) the type of helmet, e) the size or size scale

Further informations, such as instructions or recommendations of regulation, assembly, use, wash, disinfection, maintenance and storage, are specified in the leaflet of use.

### **Law EN 812: Shockproof helmet**

The law EN812 regard shockproof helmets current using in the industry in order to protect the head when it impacts on heavy objects which can cause tears or other superficial scares or stun the person who is wearing it. They are mainly fated to users who work internally. A shockproof helmet does not protect from the fall of objects and in no way it must substitute i protective helmet for industry governed by the law EN397.

### **Law EN 443: Helmets for firefighters prEN443**

Category: Technical clothing for protection and kit for firefighter

This law specifies the characteristics required for protective helmets used for medical emergency services and for the fight against fire and it determines test methods which allow us to verify these characteristics.

### **Law: EN 14458: 2004**

"Faceshields and visors for use with firefighters' and high performance industrial safety helmets used by firefighters, ambulance and emergency services."

- Optic class1 • Visor for use with firefighters • UV protection: 3-1 2 for neutral screens/ 2-4 for mirrored gold screens
- Extreme temperatures: - 40 ° 120° • Resistance to extreme temperatures to high speed particles: (AT)
- Resistance to abrasion: (K) • Resistance to tarnish: (N) • Electrical properties: (Q)
- Only for mirrored gold visors: • Infrared protection (4-5) • Increased reflection IR: R
- Higher ability to recognise colours: (4C)

## CENTURION HELMETS

Characteristics:

High-density polyethylen helmets, adjustable internal harness in polyethylene low density with sewat bar in synthetic sponge. Electrical isolation up to 440 Volt. Prepared for the instertion of headsets and visors (not included).

Minimum package: 1 piece for each colour.

One size (adjustable).

EN 397.



CODE	COLOUR	PRICE
6214	White	€ 20,83
6215	Red	€ 20,83
6216	Yellow	€ 20,83
7340	Light blue	€ 20,83
7341	Orange	€ 20,83
6017	Double-chin accessory	€ 9,27

## HARNESS AND VISORS FOR CENTURION HELMETS

Harness characteristics:

Complete with connettors for art. 6098, 6099, 6225.

Minimum package: 1 piece.

Code	Law	Descr.	Characteristics	Price
6224	EN 166	Harness	-	€ 53,19
7709	EN 175	Visor	for wilders complete with connectors for helmets prepared for adiactinic glass	€ 147,82
6098	EN 166	Visor	Colourless in polycarbonate 225mm to apply to 6224	€ 45,76
6099	EN 166	Visor	Green in acetate 225mm to apply to 6224	€ 113,04
6225	EN 166	Visor	Colourless in laminated triacetate, resistant to radiant heat, 225mm to apply to 6224	€ 89,10



### CENTURION VULCAN HELMETS

**Characteristics:**

Glass fibres helmet, adjustable harness fabric of terylene with sewat bar in synthetic sponge.  
Electrical isolation up to 440 V. Prepared for the instertion of headsets and visors (not included) suitable for use with intense radiant heat.

Minimum package: 1 piece for each colour.  
One size (adjustable).  
EN 397.



CODE	COLOUR	PRICE
6223	White	€ 130,50
7342	Yellow	€ 130,50

### CENTURION VISION HELMET WITH RETRACTABLE VISOR

**Characteristics:**

Helmet in ABS, adjustable harness fabric of terylene with sewat bar in synthetic sponge.  
Electrical isolation up to 1000V.  
Retractable visor. Prepared for the instertion of headsets (not included).

Minimum package: 1 piece.  
One size (adjustable).  
EN 397.



CODE	COLOUR	PRICE
6270	Blue	€ 88,78
10604	Red	€ 88,78
7710	Visor 's spare part	€ 24,48

### CENTURION HELMET FOR SCAFFOLDS

**Characteristics:**

Helmet in polyethylen with high density and short peak for a better vision upward, textile harness "rock climber type" ideal for working in terms of height with harness. This helmet is recommended for jobs on scaffolds.

Minimum package: 1 piece.  
One size (adjustable)  
EN 397.

CODE	COLOUR	PRICE
7773	White	€ 49,14
7774	Yellow	€ 49,14



### CENTURION LUMBERJACK HELMET COMPLETE



**Characteristics:**

Helmet EN 397 with internal harness completely adjustable, in terylene with sewat bar in synthetic sponge, electrical isolation 440 Volt.  
Headset EN 352 complete with connectors. Forest visor EN 1731 in nylon mesh.

CODE	PRICE
7708	€ 220,63

Minimum package: 1 piece.  
One size (adjustable).

EN 397 - EN352.  
Colour: Orange.

### SAHARIANA ARAMID

Characteristics: Sahariana for nape protection, applicable to a cap velcro system, realized with a permanent fireproof fabric. The sahariana is removable and washable.

CODE	PRICE
6031	€ 24,97

Fabric: 100% aramid  
of 185 gr/mq (red).  
Equipment for  
fireproof wooded (AIB).

Minimum package: \_  
1 piece.  
One size.



### PICCHIO HELMET AIB

Characteristics:

A injection-moulded cap in self-extinguishing polycarbonate, with anti-scratch glazing electroerosion. Internal top in expanded polystyrene with ventilation ducts to favour the circulation of the air inside the cap. Internal padding, which cover the top, in Coolmax® fabric with a mesh corresponding to the ventilation ducts. The padding is removable and washable. A band around the head has ventilation holes, fixed in 4 parts with clip, covered with Coolmax® fabric. The band is removable and washable. A rapid system of regulation cuts with a self-locking wheel/rack mechanism, placed on the back of the helmet. The wheel for the girth regulation is covered with non-slip material with a contrasting colour (red). The strap is realised with a fireproof tape fixed in 4 parts with clip, crossed backwards, with 2 lateral retractors (for the regulation of the side balancing of the strap) and a regulator with the same length of the chinstrap, with a safety quick release buckle, with an anatomical curved form and with a contrasting colour (red) realised in nylon and injection-moulded. The chinstrap protection is in Coolmax® fabric. The strap and the chinstrap are removable and washable. There is a retractable attack which is necessary for the transport to the belt, fixed in the background with a metallic antirust rivet, made up of a flexible and combined system. The cap has a ventilation system with a very strong efficiency, formed by 10 slits for a total of over 21 cm 2), with interposition of flameproof and sparkproof grates stainless-steel. The slots create a draft able to aspirate the heat which is accumulated inside and to expel it quickly. The cap is outstretched with 24 slots to favour heat and smoke evacuation which are eventually trapped inside the visor. Predisposition for sahariana with adhesive velcro applied in the lateral and back part. Predisposition for a quick coupling of the visor, formed by 2 pawls made of nylon and injection-moulded with an easy and quick coupling/uncoupling. Predisposition for the application of frontal lamps with flexible band, formed by 4 external clip in nylon and injection-moulded. Predisposition for the application of the frontal lamp (with retention velcro system) formed by 2 anterior slits covered by corks in Nylon and injection-moulded. Predisposition for the application of interconnected hearing protection devices with a specific bayonet fitting (Peltor system), suitable for the majority of the anti-noise headsets in the market.



Standard rules: EN 397:2012 - EN 12492:2012 - EN 14362-1:2012  
- EN 443:1997 - EN 13688:2013

Optional requirements:

- Lateral deformation: LD;
- Fire resistance: 29 seconds;
- Period of post-combustion: 0 seconds.

Use: protective helmet for operation in forest  
fire and civil protection.

Minimum package: 1 piece.  
One size (adjustable).

CODE	COLOUR	PRICE
6033	Red	€ 264,60
8945	Orange	€ 264,60

Certification: The helmet is a D.P.I. of III category and it is certified CE in accordance with directive 89/686/CEE and D. L.vo 475/92 by the Notificated Organism CEE n. 0497.

### VISOR FOR PICCHIO HELMET

Characteristics: polycarbonate colourless visor, thermoformed, with a thickness of mm. 2, with the anti-scratch treatment in the external part and the fogproof in the internal one. The visor is adjustable with a click in 3 positions and it can be put upside down. This particular characteristic allows a notable reduction of volume in case of operation in a helicopter or when the helmet must be place in backpack.

Reference standards: UNI EN 166.

- Optical class: 2
- Mechanical Resistance: B
- Molten and burning metal protection: 9
- Abrasion Resistance: K
- Resistance to fogging: N

Optional requirements: UNI EN  
443. Fire resistance: 60sec.

Equipment for forest fire-  
fighting (AIB).

Minimum package: 1 piece.

CODE
6192
PRICE
€ 68,85



Certification: The helmet is a D.P.I. of III category and it is certified CE in accordance with directive 89/686/CEE and D. L.vo 475/92 by the Notificated Organism CEE n. 0497.

### HELMET FOR FIRE-FIGHTING WORKER

#### PERFORMANCE

- Extreme temperatures resistance. (FLASH OVER OF 10 SECONDS UP TO 1000° C)
- Long resistance at high temperatures ( Until at 250°C/ 30 Min, with heating calor test of 14 KW/M2)
- High resistance to the mechanical impact.

#### SAFETY

- Capacity of electrical isolation E2
- Effective visibility achieve thanks to the refractive tape for a optimal use in specific conditions.
- Lach chin strip in Nomex 3 (test in order to prevent skin irritations)

#### COMFORT

- Indoor highly adactable from the external.
- Integrated adaptation system (52-64 Cm)
- Botton "push to release" in order to release quickly the interior adaptation
- Wide variety of accessories.

#### COMFORT

- Polymer of high technology.
- External visor covered with scratchproof and foggy.
- Doble visor visiera/internal goggles with scratchproof and foggy.

#### CERTIFICATE

- Approved MED • EN 443:2008
- EN 14458:2004 • EN 166 e En 14458



Minimum package: 1 Piece

CODE	COLOUR	PRICE
10635	Red	€ 507,00

### HELMET FOR WORKING IN HEIGHT

#### Characteristic:

Helmet fir working in heigh in poypropylene with cotton facing tota adjustable and good air circulation to reduce the formation of humi  
Benefit: protect against impacts above from the top and sides.

Comfortable fabric on the head and adjustable harness under the

Equipped with attachment point for headlamp.

Compliant EN397 and En 50365

Minimum package: 1 Piece.

CODE	COLOUR	PRICE
10917	Red	€ 269,65



### PROTECTIVE HELMET FOR INDUSTRY

#### Characteristic:

Spherical cap made of dielectric thermoplastic material.  
Harness with six docking points height adjustable.  
Rack regulation system - unisex from 52 to 65.  
Chin strap equipped of adjustable system in Velcro.  
Comfort made of trasparent material coolmax easily that can be dissembled for cleaning and substitution.  
Visor certificates EN 166:2004 " Personal eyes protection. Specific"

#### Use:

Protection from electricity  
Public assistance activity  
Industrail activity  
Construction industry

Compliant: EN 397:2001  
- CEI EN 50365

Minimum package: 1 Piece.

CODE	COLOUR	PRICE
7882	White	€ 180,00





### ANTI-HARDSHIP NORMATIVE EYES PROTECTION

Glasses, together with screens and visors, are the most important personal protective equipment (DPI) eyes against the mechanic risk (dusts, shavings, spinters), optic (UV and IR rays, laser), chemical (vapors, mists and fumes, acid and alkaline solution) and thermal (cold can cause protracted tearing, heat can cause inflammation or burns), generally between them variously associate the most in the workplace (welding, phototypesetting, laboratory, metal and wood industry in particular).

Screens are generally use for welding works or near incandescent masses for short periods, hand-carried by the same worker or, if are fix, they are they are positioned in front of the piece to work on. Visors, more comfortable than screens, are generally integrated by a protection helmet and lowered in case of work at risk. Visors and creens protect, more than eyes; also the operator's face.

#### EN 166 rule:

EN166 rule is applicable to all types of individual eye protectors, use against the different danger that can damage eye or adulterate visual exception of nuclear radiation, X-ray, laser and infrared (R) emissions emitted from sources at low temperatures. This rule specifications do not apply to the eyes protectors for which exist separate and complete rules, the antelaser eye protector, generic sunglasses etc ... Eye protectors with corrective lenses are not excluded from the application environment.

#### EN 169 rule:

EN169 rule gives the scale numbers and transmission indications of the filters intended to ensure the operators's protection carrying out welding, braze welding, arc welding and plasma jet cutting. Others necessities applicable for this type of filter they are specified in EN166. The indications for welding filters with a variable protection scale or with a double protection scale are the subject of EN379.

#### EN 175 rule:

EN175 rule specific the the safety requirements and test methods related to personal protective equipment use to protect user eyes and face against harmful rays and against other specific risks due to welding, cutting or other related techniques.

This standard specifies protection, including ergonomic aspects, against risks or hazards of different kinds:

- radiation            - flammability            - mechanic risks            - electric risks

The device is designed to adapt the filters with or without colorless protective lenses, according to the recommendations of the manufacturer of the protective device for welding operations, in accordance with EN166, EN169 or EN379.

Europee rules	Meaning of marking on the frame	Meaning of the marking in the lens
Principal rules: EN166 Basic request EN167 Methods for optic test EN168 Methods for no optic test	B-D e D Manufacturer identification 166 N° of rule xxx Field of work 3 = liquids: drop and spray 4 =solid and coarse particle 5 = gas, solid thin particle: gas, vapors, fumes 8 = electric arc of short circuit 9 = molten metals and incandescent solids (spalshes of molten metals and incandescent solid)	3 First written number: indicate the type of protection: 2 e 3 = UV; 4 = IR; 5 e 6 = solar radiation 1.2 Protection level refers to the first number B-D Manufacturer identification
Rules for filter type EN169 Welding filter EN170 UV filter EN171 IR filter EN172 Solar filter for an industrial use EN175 Eyes safety device for welding EN379 Welding automatic filter	F/B/A Impact resistance T Resistance against the particle at high speed or extreme temperatures (from -5°C to +55°C). According to the degree of impact	1/2/3 Optical class (1=continuous use; 3= occasional use) S/F/B/A Resistance to impact 8 Resistance to the electric short circuit arc 9 Resistance to molten metals and incandescent solids K Resistance to abrasion N Resistance to mists

### POLYSAFE SERIES GLASSES



#### CHARACTERISTIC E ADAVANTAGE

Glasses particularly suitable for visitors, which offers a wide field of vision.

One-piece glasses in polycarbonate with integral side guards and profiled nosepiece.

Special anti-scratch treatment on both sides of the lens for longer product life.

Indirect ventilation to avoid.

Extremity of the perforated rods of the use of a safety lanyard.

Minimum package: 1 Piece.

CODE	APPLICATION	TREATMENT	LENS	LENS BRANDING	PRICE
10401	Internal	Scratchproof	Colorless	2C-1.2 1F	€ 10,35

### SANTA CRUZ SERIES GLASSES



#### CHARACTERISTIC E ADAVANTAGE

Classic style.

Lens with very wide field of view.

Design ultralight.

Sides adjustable for a good adaptability.

Minimum package: 1 Piece.

CODE	APPLICATION	TREATMENT	LENS	LENS BRANDING	PRICE
10402	Internal	Scratchproof	Colorless	2C-1.2 B-D 1F	€ 18,19

### LG 10 SERIES GLASSES



#### CHARACTERISTIC E ADAVANTAGE

Cheap mask glasses.

Adjustable harness easily to satisfy the demands of an ample range of workers.

Weight: light, for a optimal comfort (from 75 to 79 g).

Minimum package: 1 Piece.

CODE	APPLICATION	TREATMENT	LENS	LENS BRANDING	PRICE
10403	Internal	-	Pc Colorless	B	€ 4,54

### MILLENNIA SERIES GLASSES

#### CHARACTERISTIC AND ADVANTAGE:

Simplicity and convenience create a perfect mix of style and performance. The comfortable and enveloping one-piece light offers exceptional coverage.

Includes an easily detachable adjustable lanyard for added comfort safety and practicality. FlexiCord adjustable lanyard supplied.

Minimum package: 1 piece.



CODE	APPLICATION	TRATTAMENTO	LENS	LENS BRANDING	PRICE
6321	Internal	Fog. - Ban.	Colorless	2-1.2 B-D 1F	€ 26,14
10918	Solar light (Little In.)	Scratchproof	Grey TSR	5-2.5 B-D 1FK	€ 23,76
10919	Low visibility	Scratchproof	Yellow hdr	2-1.2 B-D 1FK	€ 23,76
10920	Interior and exterior	Scratchproof	Silver I/O	5-1.7 B-D 1F	€ 26,40
10921	Solar light (High In.)	Scratchproof	Silver mirror	5-3.1 B-D 1F	€ 26,40
10922	Welding	Scratchproof	IR 3	3.0 B-D 1F	€ 23,76
10923	Welding/Foundry	Scratchproof	IR 5	5 B-D 1F	€ 23,76

### V-MAXX SERIES GLASSES

#### CHARACTERISTICS AND ADVANTAGES:

A sportive line with high expectations. .

They can perfectly replace sight glasses, .

and you can match them with semi-masks. .

Indirectly ventilation and splash protection. .

Polycarbonate lens (PC).

Harness fittings rotate in order to facilitate the combined use of protective helmets.

High versatility.

Slim and embracing model with 180 degree field of view.

Available and exchangeable lens cap, so that lens has an higher duration.

Minimum package: 1 piece.



CODE	APPLICATION	TREATMENT	LENS	LENS BRANDING	PRICE
6100	Internal	Scratchproof/Fog-Ban	PC Colourless	2 - 1.2 D1B 9	€ 18,53
6081	Internal	Scratchproof	PC Colourless	2 - 1.2 D1B 9	€ 18,53
6325	Welding/Foundry	Scratchproof	PC IR 5	5 B-D 1B 9	€ 29,89

### AMIGO SERIES GLASSES

#### CHARACTERISTICS AND ADVANTAGES:

Glasses with mask form for welding with overturning lenses.

Soft branding in vinyl.

Lenses Xantos DIN 5.0, with 50 mm diameter.

Minimum package: 1 piece.



CODE	LENS	LENS BRANDING	PRICE
4662	Xantos 5	5 N 1 S	€ 29,55

Polypropylene semi-cap that gives a complete frontal protection.

It is comfortably wearble for long periodes thanks to its extremely contained weight.

Frontal protection and screen breadth assure protection also against chemical splashes, and impact B resistance.

Exchangable screens, available in acetate or polycarbonate.

Minimum package: 1 piece.

#### CLEARWAYS VISORS AND SCREENS



CODE	DESCRIPTION	FIELD OF USE	BRANDING	PRICE CAD.
6322	Semi-cap with flexible harness	Mechanical work	D.3.B	€ 23,00
6323	Polycarbonate and colourless screen	Mechanical work	D.1.B.3	€ 19,66
6324	Acetate and colourless screen	Splashes of chemical substances	D.1.F.3	€ 23,76



#### SP 1000 SERIES GLASSES

##### CHARACTERISTICS AND ADVANTAGES:

##### Exceptional performances

They give an excellent protection, against impacts, wind, dust and slags.

Lenses treatment which involve the best cladding technologies: anti-flog in the internal part and scratch proof in the external, to have a 3 times longer lifetime.

Versatile model, it can be used with sides or elastic band. (both included in the package)

Minimum package: 1 piece.



CODE	APPLICATION	TREATMENT	LENS	LENS BRANDING	PRICE
10924	Internal	*Dura-streme	Colourless	2C - 1.2 B-D 1FT KN	€ 40,82



### **SUPERVIZOR - SEMICAP**

#### **CHARACTERISTICS AND ADVANTAGES:**

It is compatible with a wide range of safety helmets, the fixing method is safe and it can be replaced easily.

Facial protection included: versions with optional chinstrap for extra protection.

The screen is shaped in the extremities to follow the face's profile and to permit the free movement of the head.

Screens are overturning , with the possibility of locking in a position.

Wide range of screen for every risk: mechanical, chemical, thermal, exc.

Minimum package: 10 pieces for product in page 10 and 11 except for 9100 code.

**SB600**



**SA660**



**SA66**



**SA66M**



CODE	NAME	TREATMENT	WEIGHT	BRANDING	PRICE CAD.
10925	SB600	Semicap with regulation and rack	120 g	D.166.3.F	€ 49,46
9101	SA660	Support for helmet screen in PC	125 g	D.166.8.F	€ 46,01
10926	SA66	Support for helmet screen in anodized aluminium	110 g	D.166.3.B	€ 56,92
10927	SA66M	Support for helmet screen in teflon aluminium	110 g	D.166.3.9.B	€ 62,21

### SUPERVIZOR - POLYCARBONATE SCREENS

#### ELEVATA RESISTENZA AGLI IMPATTI

CODE	NAME	NAME	APPLICATION	BRANDING	PRICE CAD.
10928	SV9PC	Polycarbonate and colourless screen (230 mm)	Mechanical work	D.1.B.3.9	€ 31,10
10929	SV9PCH	Polycarbonate and colourless screen with scratchproof treatment (230 mm)		D.1.B.3.9.K	€ 52,16
10930	SV9PC/CG	Polycarbonate and colourless screen which can be coupled with chinstrap (200 mm)		D.1.B.3.9	€ 35,86
10931	SV9PG	Green, graduation 1.7 (230 mm) (not appropriate for welding)	Clothing (UV)	3-1.7.D.1.B.3.9	€ 45,47
9100	SV9PGFH	Polycarbonate screen with gold coating and with scratchproof treatment (230 mm)	Radiant heat from molten metals	4-5.D.1.B.3.9.K 3-5.D.1.B.3.9.K	€ 334,80

### SUPERVIZOR - TRIACETATE SCREENS

#### BETTER RESISTANCE TO CHEMICAL PRODUCTS, SCRATCHES AND HEAT

CODE	NAME	NAME	APPLICATION	BRANDING	PRICE CAD.
10932	SV9TC	Triacetate and colourless screen (200 mm)	Sprays of chemical substances	D.1.F.3.9	€ 44,50
10933	SV9TC3WP	Triacetate and colourless/green screen with 3 graduation (200 mm)	Molten metals	BS 2092 - 2CM	€ 114,48
10934	SV9TC5WP	Triacetate and colourless/green screen with 5 graduation (200 mm)			€ 120,74

### SUPERVIZOR - ACETATE SCREENS

#### BETTER RESISTANCE TO CHEMICAL SUBSTANCES AND SCRATCHES

CODE	NAME	NAME	APPLICATION	BRANDING	PRICE CAD.
10935	SV9AC	Acetate and colourless screen (200 mm)	Sprays of chemical substances	D.1.F.3	€ 36,29
10936	SV9AC/CG	Acetate and colourless screen which can be coupled with chinstrap (200 mm)			€ 42,12
10937	SV9A3W	Acetate green, 3 graduation (200 mm)	Welding	3.D.1.F.3	€ 74,52
10938	SV9A5W	Acetate green, 5 graduation (200 mm)		5.D.1.F.3	€ 78,41
10939	SV9EK	Acetate and colourless screen (can be coupled with SA660 e SB600)	Protection against electric arcs	3-1,2.D.1.F.3.8	€ 42,34

### SUPERVIZOR - METALLIC MESH SCREEN

CODE	NAME	NAME	APPLICATION	BRANDING	PRICE CAD.
10940	SAM9	Metallic mesh screen which can be only coupled with SA66M	Foundry	-	€ 52,27

### CHINSTRAP (FOR Supervizor)

CODE	NAME	NAME	APPLICATION	BRANDING	PRICE CAD.
10941	VS7	Chinstrap for 10 023 10 and 10 023 09	Heavy mechanical work and sprays of chemical substances	-	€ 18,68

Range of liquid crystal self-dimming masks for welding really complete, of high-quality which includes a basic model, Optilux LB 71 with black helmet Fire, the top model Optilux DGT 92D, with helmet Fire Decal and finally a model Optilux DGT XL with filter LCD and an extensive field of view and dedicated helmet.

### OPTILUX LB 71 MASK



CODE
5896
PRICE
€ 202,50

Mask with liquid crystal analogical filter, variable 4/9-13 DIN with regulation of the external gradation, of the sensitivity and of the internal delay. Ideal to protect face and eyes from every process of welding, both occasional and continuous, but also professional. The filter LCD has an high quality, and it is conformed to the law DIN EN 379 in class 1/2/1/2.

Minimum package: 1 piece.

Specifications	Analogical filter LB 71
Filter dimension	110x90x8.5mm
Field of view	92x42mm
Sensors	2
Gradations	4/9-13
Gradation control	Esterno
Dimming time	0,1ms
Regulation, Sensibility and Delay	Adjustable (Internal)
Time of return with clear state	0,1-0,9s adjustable
Temperature range	-10°C+55°C(14°F+131°F)
Grinding/cut function	Not available
Grinding/cut spy	Not available
Alarm spy discharge battery	Not available
Supply	Batteries and solar cells
Certification class EN 379	1/2/1/2
Weight	496gr

### OPTILUX DGT XL MASK



This mask is characterised by one of the most extensive field of view available on the market, infact it measures 100x83,4mm and it has a liquid crystal "True Colour" technology which consent to see and distinguish clearly "true" colours also trough liquid crystals, very comfortable in case of use of wilders with digital displays.

Minimum package: 1 piece



CODE
5897
PRICE
€ 495,00

Specifications	Filtro digitale DGT XL
Filter dimension	133x114x9,5mm
Field of view	100x83,4mm
Sensors	4
Gradations	4/5-9 e 4/9-13
Gradation control	Internal
Dimming time	0,1ms
Regulation, Sensibility and Delay	Adjustable (internal)
Time of return with clear state	0,1-0,9s adjustable
Temperature range	-10°C+65°C(14°F+149°F)
Grinding/cut function	Yes/No
Grinding/cut spy	Yes/No
Alarm spy discharge battery	Yes (CR2450)
Supply	Batteries and solar cells
Certification class EN 379	1/2/1/1
Weight	590gr

### OPTILUX DGT 92D MASK

Mask with a liquid crystals digital filter varying from 5 to 13 DIN thanks to 2 stairs, 4/5-9 e 4/9-13 DIN. It has an internal regulation of the gradations, of the sensitivity and the delay in addition to grinding and cut functions which allow the filter LCD to be transparent also during these processes. The arcs' light is recognised by 4 photo-sensors while the supply occurs via solar cells and batteries. This model of liquid crystals filter has a certification CE of primary order that no one has even also between the most affirmed producers in the sector, infact it is conformed to the law DIN EN 379 in class 1/1/1/1 (optical/light diffusin/varation of transmittance/angular dependence).

Specifications	Digital filter DGT 92D
Filter dimension	110x90x8.5mm
Field of view	97x47mm
Sensors	4
Gradations	4/5-9 e 4/9-13
Gradation control	Internal
Dimming time	0,08ms
Regulation, Sensibility and Delay	Adjustable (Internal)
Time of return with clear state	0,1-0,9s adjustable
Temperature range	-10°C+55°C(14°F+131°F)
Grinding/cut function	Yes
Grinding/cut spy	Yes
Alarm spy discharge battery	Yes
Supply	Batteries and solar cells
Certification class EN 379	1/1/1/1



CODE
5898
PRICE
€ 427,50



Minimum package: 1 piece.

Complete system of liquid crystal mask with digital filter and unit air filter to protect the respiratory tract.

The respirator has an electronic control that make the airflow constantly stable and adjustable in 3 processes from 165 to 200 and up to 230 l/min. A liquid crystal display indicates clearly the airflow level, the battery state and the pollution level of the particle filter. An opto-acoustic alarm alert the worker if the filter is polluted, or if the battery is discharge and/or overheated. The particle filter is in class TH2 P R SL. The battery has an anatomy at least of 8h (a 165 l/min), it recharges itself in 3-4h (Li-Ion) and it is assured for 500 recharges. The motorised fan doesn't have brushes, but it uses ball bearings which reduce the noise and increase the robustness.

### OPTILUX DGT 92 AIR MASK

Specifications	Digital filter 92 Air
Dimension	240 x 165 x 70 mm
Weight	2.4KG
Type of air filter	TH2 P R SL
Airflow	Level 1: 170/min - 2: 200L/min Level 3: 230L/min
Internal	0,08ms
Noise level	Max 73dB
Exercise temperature	-5°C ~ +55°C
Type of battery	Rechargeable Li-ION 4400mAh
Duration of battery in use	Level 1 > 8h - 2 > 6h - 3 > 4h
Time of battery recharge	3.5 hour (life 500 refills)
Display LCD	Airflow level
Belt dimension	Adjustable from 900mm to 1300mm

The respirator, which has a comfortable belt and 2 braces, measures only 240x165mm and it has a 70mm thick. Its weight is about 2400g with particle filter and battery and it is conformed to the law CE EN 12941:1998/A2:2008. The storage backpack is included.

CODE
5899
PRICE
€ 1.800,00



Minimum package: 1 piece.



ACCIDENT PREVENTION REGULATION FOR RESPIRATORY TRACT PROTECTION



**All the respirators are class 3 devices conforming to the directive on DPI: protection from bigger risks**

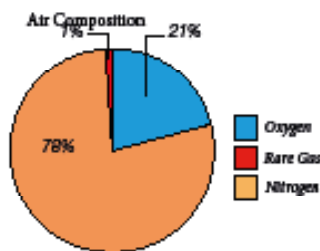
They were designed and manufactured for:

- > Protect from smokes, dusts, liquid or gas aerosol and steam
- > Isolate the user completely from the environmental air and offer a protection against a wide range of contaminated substances

**CRITERIA FOR CHOOSING A BREATHING APPARATUS**

> Oxygen level

> Knowledge of the contaminant



> Smell

> Explosive atmosphere risk (ATEX)

**O<sup>2</sup> > 17%\***

- Knowledge of contaminated substance
- Detectable smell

Filtering device  
Mask + filtering device for the purification of environmental air

**O<sup>2</sup> ≤ 17%**

- Uncertainty about the risk
- No detectable smell

Isolated instruments  
Mask + supplied air device

**ATEX RISK**

\*Verify the local laws in effect.

**LACK OF OXYGEN: DEATH RISK**

- The oxygen play a vital role in the respiratory system of human beings.
- The oxygen level in the air determines essentially the choice of the breathing apparatus: autonomous or filtering

**VALUATION OF ESPOSITION RISK**

- Oxygen level.
- Nature, form and effects of the contaminating substances.
- Knowledge of the concentration of the present toxic substances in the environment of job and the limits of exposure on the place of employment established (TLV-TWA) for the interested contaminating substances.
- Consideration of other in partnership (risk of explosive atmosphere) risks.
- Duration of use of the respirator.

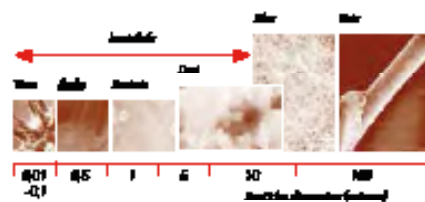
**Classification of toxic contaminated substances (particles)**

Solid and liquid aerosol: there can be different types

- Cause: fibres
- Cause of irritation and allergies
- Cause of lung damage

Independently from the dimensions of the particles, the risks can be meaningful depending on the time of exposure

The increasing use of liquid aerosol requires the use of an adequate protection in function of the aerosol used and of the composition of the product.



The dimension of the particles of the aerosol is one of the elements that determine the choice of the protection

**Gas/smoke: for every contaminating substance choose the appropriate filter**



**FIND THE DANGER**

Note: combined security

- In over the 70% of the cases the risk for the user come both from particles and from gas; in this case is necessary the use of a filter combined with elements both mechanical (P3) and active carbons

A	Vapors and organic gas whose degree of degradation is superior to 65°C. Ex: solvents, hydrocarbons, etc.
AX	Vapors and organic gas whose degree of degradation is inferior to 65°C
B	Vapors and toxic gas, ex: chlorine, cyanide, hydrochloric acid, etc.
E	Vapors and toxic gas, for instance: chloride of sulphur, etc.
K	Acids and by-products
P	Dusts, smokes
CO	Carbon monoxide
Hg	Mercury vapour
NOx	Nitrogen monoxide, nitrogen dioxide, nitrous vapors
I	Iodine

## ACCIDENT PREVENTION REGULATION FOR RESPIRATORY TRACT PROTECTION

### MAIN LAWS

To be introduced on the market, the DPI of 3 class have to satisfy the exigencies of the applicable European laws, such as:

Number of the Law	Object of the Law	Description
<b>Facial masks single use</b>		
EN 149 + A1*	filtering facial masks against the particles	The Law details the minimal requirements for filtering facial masks single use.
EN 485 + A1*	hood masks with valves against gas and/or dust	The European norm specifies the performance requirement and the marking methods applicable to the hood masks equipped with valves and filter cartridges or combined filters used as respirators for protection. The hood mask is not applied to hoods without valves or fitted exclusively of valves of expiration. The projected device it is not applied to be used in situations in which a lack of oxygen is not a risk (instead of indicator oxygen in CO <sub>2</sub> in volume).
<b>Reusable masks</b>		
EN 136*	full facial masks	The European Law specifies the minimal requirements for the full facial masks. It is not applied to full facial masks for diving.
EN 140*	hood masks and quarter masks	The European norm specifies the minimal requirements for hood masks and quarter masks to be used with instruments of respiratory protection, except for the devices used for the excavation and the immersion.
EN 141 + A1*	filters for particles	The European norm specifies the filters for particles used as components of devices for the non-vented expiration, in exception of the filtering facial masks. Other filters conforming to the European norm can also be used with other types of respiratory protection and in this case it must be tested and marked accordingly to the pertinent European norm.
EN 14987 + A1* (previously EN 341, EN 571, EN 373)	cartridges and combined filters	The European Law tests the filters cartridge and the filter combined, used as components of respirators without vented expiration. It does not cover the filters with CO <sub>2</sub> sensor. Filters that comply to the norm, also can be used with devices of vented expiration; in this case it must be tested and marked accordingly to the appropriate European norm.
EN 140* (Part 1-3)	adapters for facial masks related standard link related standard link related standard link	The European Law is applied to the standard, adapting of the respirators. The device it is not applied for immersion or to isolated device like can to positive pressure demand.
<b>Assisted respiration</b>		
EN 13041 + A1 + A2* (previously EN 345)	filtering device to assisted expiration that integrate helmets or hood	The European norm specifies the minimum required requirements for the filtering respirators that integrate a helmet or a hood and filter cartridges, without or combined, used as ventilated respirators assisted. The projected device it is not applied to be used in situations in which a lack of oxygen is not a risk (instead of indicator oxygen in CO <sub>2</sub> in volume). The respirator it is not applied to for the excavation.
EN 13043 + A1 + A2* (previously EN 347)	filtering assisted expiration instruments with masks, hood masks or quarter masks	The European norm specifies the minimum required requirements for filtering assisted expiration instruments with masks, hood masks or quarter masks and filter cartridges, without or combined and as ventilated expiration assisted. The projected device it is not applied to be used in situations in which a lack of oxygen is not a risk (instead of indicator oxygen in CO <sub>2</sub> in volume). The respirator it is not applied to for the excavation.
<b>Supplied Air Respirators</b>		
EN 14589*	instrument device for respiratory protection with continuous flow of compressed air	The European Law specifies the minimal requirements for the respirators that use continuously flow of compressed air with filter cartridge, hood masks or with hood, a helmet or an overall. The norm does not cover the device for the excavation and the immersion.
<b>Breathing apparatuses</b>		
EN 137*	breathing apparatuses with continuous flow of compressed air with open circuit and full facial masks	The European Law specifies the performance required requirements for instruments with compressed air and open circuit used as respiratory devices except for the projected device for the excavation of emergency or the immersion. These instruments must be used for situations of job that involves a low concentration of oxygen.
EN 145 + A1*	breathing apparatuses with closed circuit to compressed oxygen or to oxygen-nitrogen compound	The European Law specifies the minimal requirements for the breathing apparatuses with closed circuit that use compressed (CO) oxygen and compressed (CO + NO) oxygen / nitrogen used as respirators, except for the projected instruments for the excavation and the immersion.
<b>Evacuation devices</b>		
EN 482*	breathing apparatuses with compressed stored opened circuit, with demand valve, full facial mask and multiphase for excavation	The European Law specifies the minimal requirements for the breathing apparatuses with opened circuit and with demand valve for the excavation. The norm is not applied to device of protection for the job and the breathing apparatuses or to instruments for immersion.
EN 482*	filtering device with hood for the excavation in case of fire	The European Law covers the filtering device with hood, used for the excavation by instruments that contain candles, assemblies of candles and other heat-generating devices. It specifies the minimum requirements of these devices single use. The projected device can not be used in situations in which a lack of oxygen is not a risk (instead of indicator oxygen in CO <sub>2</sub> in volume). Two types of devices are specified, those projected to be used and those projected to be stored. The norm specifies the device destined to be used by subgroups. Some devices are not adequate to be used by children.
EN 1146*	breathing apparatuses with compressed air opened circuit and with hood for excavation	The European Law specifies the minimal requirements for the breathing apparatuses with circuit open and with hood for the excavation. These devices are destined to be used in situations of job with risk of a low concentration of oxygen. The norm is not applied to the instruments normally used for the immersion.
EN 13794*	breathing apparatuses with closed circuit for excavation	The European Law specifies the minimal requirements for the breathing apparatuses with closed circuit that use chemical (COX, HXCOX) oxygen and compressed oxygen for the excavation (these are also as chemical oxygen instruments of excavation). The norm is not applied to device of protection for the job and the breathing apparatuses or to instruments for immersion.
EN 584 7-7*	respiratory protection device for excavation	EN 17: Filtering device for excavation

For all the references of the norm quoted and not dated, the last edition of the document of reference (including possible changes) is applied.

GUIDE TO RESPIRATORY TRACT PROTECTION

The choice of the filter to be used must be made in order to give optimal terms of safety to the worker. The protection factor depends on the facial tightness (masks for use with filters) or of the complete instrument, for example electronic and ventilated devices.

**1 -DO YOU KNOW YOUR TOXICITY LEVEL ?**

Chemical formulas are complex. The same formula can have different names. The only reliable reference is CAS. CAS: ask your supplier the number of CAS concerning the substance identified. Take the international security card : it will enable you to control the potential risks and the interactions and to avoid them.

**The document will give you different indications:**

- V.L.E. : limited value of exposition in the short term (15 Min)
- TLV: limited value of threshold for an 8 hour exposition.
- IDLH (Dose Letale Immediata): requires the immediate evacuation of the area.

**The international security card gives information about:**

- The chemical form of the product (gas, steam, dust, dependent on temperature, moisture, its evolution, its interactions).
- Detectable properties (smell, colour)
- Correlated risks (eyes, skin, carcinogenic and explosive substance ).

**2 - KNOWING A TOXIC CONCENTRATION OF A SUBSTANCE IN THE OPERATING ENVIRONMENT**

- In ppm or mg/m , for example 7500 ppm.

**3 -CHOOSE THE CORRECT PROTECTION: MASK, SEMIMASK, AIR ADDUCTION OR ASSISTED RESPIRATION?**

The factor of nominal protection (FPN) is necessary for the choice of the correct product, for example:

Hypothesis: the TVL of the product is 10 ppm and the external concentration is 7500.

$$\text{EXTERNAL CONCENTRATION (7500)} : \text{TVL (10)} = \text{FPN (750)}$$

The FPN is also defined as the reverse factor of the total loss inwards.

A FPN of 750 is included between 500 and 1000, so we have to choose a protection with a FPN equal to 1000

- A full-face mask with a P3 filter.
- Or a full-face mask with combined filter antigas/particles
- Or an electronic and ventilated device.

The more a toxic substance is indicated as dangerous, the more the choice must be careful and approved.

Once again, before using a filtration system we must be sure of:

- Have verified the minimum oxygen level.
- Know the detectable properties of a substance.

**4 - IF THERE IS A RISK FOR SKIN AND EYES**

The choice of a protection for the eyes must be a priority (conjunctivitis, irritation, redness, burns, etc.).

**In case of a risk for skin or eyes:**

- A full-face mask is required.

**In case of a risk of chemical splashes:**

- The use of a semimask is possible combined with mask glasses, depending on the aggressiveness of the substance for the skin.

**In case of doubts, choose the full-face mask.**

The risk for the eyes is a functional dangerous one.  
Remember that elude a risk without see is very difficult.



### FACIAL FILTERING MASKS SINGLE USE SERIES 2000

#### FACIAL FILTERING COLLAPSIBLE INDIVIDUALLY PACKAGED

Conformation with low profile: extensive field of view.  
Enveloping form: increase of filtration surface and better comfort.

No staples: no risk of irritation.

Coloured nose-clips: perfect adjustment and immediate identification of protection level.

Willtech seal: hypoallergenic, anti-perspiration, more comfortable.

Individual and reusable custody: it protects the face before the use and during the pauses.

No PVC, silicone, latex, more ecological.

CODE	SIZE	CLASSIFICATION	EXPIRATION VALVE	HARNESS	PACKAGE	FPN	FPO	PRICE CAD.
10942	M/L	FFP1 NR D	NO	Elastics	25 Pz.	4	4	€ 2,33
10943	M/L	FFP1 NR D	YES	Elastics	20 Pz.	4	4	€ 2,89
10944	M/L	FFP2 NR D	NO	Elastics	25 Pz.	12	10	€ 3,11
10945	M/L	FFP2 NR D	YES	Elastics	20 Pz.	12	10	€ 3,78
10946	M/L	FFP3 NR D	YES	Elastics	20 Pz.	50	20	€ 8,83



### FACIAL FILTERING MASKS SINGLE USE SERIES 5000

#### MAXIMUM COMFORT AND EFFICIENCY

Extensive internal volume for a maximum facility in the movement.  
Lightweight facial masks (from 10 to 28 g) to minimise worker fatigue.

Flexible harness with double elasti with con high resistant  
seaming for extra security.

Seaming external to the filtration zone for delate the risk of losses.

Ergonomic model.

CODE	SIZE	CLASSIFICATION	EXPIRATION VALVE	HARNESS	PACKAGE	FPN	FPO	PRICE CAD.
6443	M/L	FFP1 NR D	NO	Elastics	20 Pz.	4	4	€ 2,92
6444	M/L	FFP1 NR D	SI	Elasticis	20 Pz.	4	4	€ 4,99
6445	M/L	FFP2 NR D	NO	Elastics	20 Pz.	12	10	€ 3,82
6446	M/L	FFP2 NR D	SI	Elastics	20 Pz.	12	10	€ 5,57
6447	M/L	FFP3 NR D	SI	Adjustable Elastics	5 Pz.	50	20	€ 16,48



### FACIAL FILTERING MASKS SINGLE USE SERIES 3000

#### ECONOMICAL, SIMPLE AND EFFECTIVE

Simple and intuitive design: simple to use.

Preformed shell: the facial mask form is preserved for all  
the utilization period for a better comfort.

Internal volume: the communication is facilitated, no pessure on the face.

Ultralight and ultrasoft internal layer: soft and pleasant to  
the contact with the skin to avoid irritations.

Superior part preformed along the contour of the nose:  
any necessary regulation,

it atapt itself to every kind of conformation of the face.

Low point of support on the nose: compatible with sight glasses.

Membrane of the protective valve frontally: better security.

CODE	CLASSIFICATION	EXPIRATION VALVE	HARNESS	PACKAGE	FPN	FPO	PRICE CAD.
6104	FFP1 NR D	NO	Elastics	30 Pz.	4	4	€ 1,60
6105	FFP1 NR D	YES	Elastics	20 Pz.	4	4	€ 2,74
6093	FFP2 NR D	NO	Elastics	30 Pz.	12	10	€ 1,88
6106	FFP2 NR D	YES	Elastics	20 Pz.	12	10	€ 2,97
10953	FFP3 NR D	NO	Elastics	30 Pz.	12	10	€ 3,46
10955	FFP3 NR D	YES	Elastics	20 Pz.	12	10	€ 4,10



### VALUAIR SEMIMASK

Thermoplastic elastomer structure to combine resistance and saving.  
Soft and curved tightness seal for an excellent tightness.

Hole for channelling sweat.

Adjustable harness in 4 parts with one piece belt.  
Quick, safe and simple coupling of filters thanks to audible klik.

Minimum package: 1 piece.



CODE	SIZE	WEIGHT	MATERIAL	PRICE
6188	M	109 g	Kraton	€ 52,12

### PREMIER SEMIMASK

Silicone structure: long term and extreme softness.

Inspiration and exhalation valves with high efficiency.  
Tightness seal.

Hole for channelling sweat.

Stable harness in 4 parts of coupling: excellent adaptability of the mask.

Quick, safe and simple coupling of filters thanks to audible klik.



Minimum package: 1 piece.

CODE	SIZE	WEIGHT	MATERIAL	PRICE
7711	M	140 g	Silicone	€ 84,41

### SEMIMASCHERA MX/PF F950

CODE	7712
SIZE	M
WEIGHT	220 g
MATERIAL	Silicone
PRICE	€ 100,57



Facial mask in silicone: long term and extreme softness.

Threefold tightness seal for a total protection.

Large surface of support: the facial mask remains stable in every type of face, also during the communication.

Harness in 4 parts to maximise security and comfort.

Large elastic.

Exhalation valve in frontal position for a better exhalation.

Quick, safe and simple coupling of filters thanks to audible klik.

Frontal bellows conformation to accompany the movements of the face.

Minimum package: 1 piece.

### FILTERS FOR VALUAIR - PREMIER - MX/PF F950 MASKS

Rounded filter, in backward position.

Click Fit system.

Active coconut coal.

Combined filters.

Double filter structure.

Package: each couple in a sealed bag.

Minimum package: 2 pieces.



CODE	PROTECTION	CART. COMPL.	PRICE CAD.
6448	A1	10 pieces	€ 13,09
6449	A1P3	6 pieces	€ 24,24
6450	A2	10 pieces	€ 15,18
6199	A2P3	6 pieces	€ 33,44
6457	A1BEK1	10 pieces	€ 22,12
6201	ABEK1P3	6 pieces	€ 35,81
6453	AB1P3	6 pieces	€ 11,15
6198	P3	10 pieces	€ 12,25



## DUO-DUETTA-DUPLA SEMIMASK

Professional facial mask durable and decontaminable to be used in combination with the appropriate anti-dust, dust-proof or combined 2000 series cartridges. These facial mask find a good application in spary painting, alteration of harmful chemical substanc, toxic gas, solvent, pesticide and dust. Appropriate for chemical, pharmaceutical industrial work and agrcolture. DUPLA model is a panoramic mask to be use in combination with two 2000 series cartridges.

Minimum package: 1 piece.

CODE	DESCRIPTION	PRICE
10947	Semimask DUETTA	€ 22,72
10948	SemimaskDUO	€ 33,75
10949	Splitter (DUPLA) for use filter with mask	€ 22,72
10950	Kit DUO including 2 filter cartridges A2P3R	€ 72,00

Filter cartridges for semimask code 10947 (DUETTA),  
10948 (DUO), 10949 (Splitter DUPLA)

Minimum package: 2 prices.

CODE	PROTECTION	CART. COMPL.	PRICE CAD.
5924	LDP3R	4 pieces	€ 11,25
5925	A2	4 pieces	€ 12,37
5926	A2P3R	4 pieces	€ 20,02
5927	B1	4 pieces	€ 12,37
5928	B1P2NR	4 pieces	€ 17,10
5929	B1P3R	4 pieces	€ 20,02
5930	A1B1	4 pieces	€ 13,72
5931	A1B1P2NR	4 pieces	€ 17,55
5932	A1B1P3R	4 pieces	€ 20,02
5933	E1	4 pieces	€ 12,37
5934	E1P2NR	4 pieces	€ 17,10
5935	E1P3R	4 pieces	€ 20,02
5936	A1B1E1	4 pieces	€ 13,72
5937	A1B1E1P2NR	4 pieces	€ 17,55
5938	A1B1E1P3R	4 pieces	€ 20,02
5939	K1	4 pieces	€ 12,37
5940	K1P2NR	4 pieces	€ 17,10
5941	K1P3R	4 pieces	€ 20,02
5942	A1B1E1K1	4 pieces	€ 13,72
5943	A1B1E1K1P2NR	4 pieces	€ 17,55
5944	A1B1E1K1P3R	4 pieces	€ 20,02
5945	SET TWO CARTRIDGEGES A2P3R	1 piece	€ 39,60



### OPENGO



Solid hood of escape and easy to use,  
 for use in chemical industry at high risk.  
 Light box: for maximum comfort in case of extended activity.  
 Wrapped in the interior of an aluminium shell for a more safety storage.  
 Visor of wide size and hood at high visibility: for a safety evacuation.  
 Min. package: 1 piece

#### TECHNIQUE DESCRIPTION

Colour	High visibility hood with two reflective stripes
Harness	Two wide elastic strips
Sealing gasket	Moulded elastomer
Screen	Panoramic screen of big size
Protection	Available in versions ABEK1 - P3
Package	Compact box made of plastic with internal aluminium shell
Rules	EN 140, EN 14387

CODE	DESCRIPTION	PACKAGE	PRICE
6866	Opengo with filter ABEK1-P3	Complete box for transport	€ 577,00

### SERIE 220N VENTILATOR

220 P3 is composed by a semimask, totally realised in a self-extinguishing rubber and by a type 220P3 filter that protect from dusts, mists and fog. Indicated in order to protect from mists like that increase forest fire. 220N ABEK 15 and 220N ABEK P15 are composed by a semimask and by a filter enclosed in a plastic package equipped of clip for the transport. 220N ABEK 15 protect from organic vapors, gas and acidic vapors, sulphurous anhydride (ex. ammonia). 220N ABEK P15 protect from all the substance already mentioned plus dusts, mists and fogs. Finding an excellent application in chemical installation.

ABEK 15



P3



ABEK P15



#### Classification and branding

Respirators compliant with the directive 89/686/CEE (DPI).

Minimal class respirator according to the rule DIN 58647-7:1997.

Minimum package: 1 piece

Supplied with custody

CODE	DESCRIPTION	PRICE
10960	Respiratore di emergenza 220N ABEK 15	€ 97,65
10961	Respiratore di emergenza 220N ABEK P15	€ 107,10
10962	Respiratore antifumo 220N P3	€ 85,72

## SCREW FITTINGS MASKS

Internal mask in negative pressure with threaded link EN 148-1 composed by:

- External facial with double sealing edge, ergonomic and bellows
- Panoramic screen with big visibility
- The pipe union group that gathers the exhalation membrane, the phonic device, the valve gasket and the inhalation valve into a single body
- Internal mask
- Headboard with five arms
- Shoulder strap

Limitation use:

The mask can't be use with rebreather apparatus and with devices not equipped with the same fitting EN 148-1.

Classification and branding

Internal mask of 2 class according to the rule EN 136:1998 and compliant with directive 89/686/CEE (DPI).

Minimum package: 1 piece

CODE	DESCRIPTION	PRICE
6187	TR 2002 CL2 MASK	€ 137,70



## MASK ONLY WITH FILTER USE- NO REBREATHING



Internal negative pressure mask with threaded link EN 148-1 composed by:

- External facial print
- Panoramic screen with big visibility
- Grupu that round up in only one body of plastic material the link for the filter or rebreather, and exhalation valves, the inhalation valve and the sound device capsule
- Internal mask
- Headboard with five arms
- Shoulder strap

The mask can be used with vacuum devices equipped with the same threaded connector EN 148-1 (filters, air line systems type AC190, turbo powered respirators etc.)

Limitation use:

The mask can't be use with rebreather apparatus and with devices not equipped with the same fitting EN 148-1.

Classification and branding

Internal mask of 2 class according to the rule EN 136:1998 and compliant with directive 89/686/CEE (DPI).

Minimum package: 1 piece

CODE	DESCRIPTION	PRICE
10963	Maschera TR 82	€ 186,07

## SCREW FILTERS EN 148-1

CODE	SCREW FILT.	PRICE
12086	100 LD P3 R	€ 18,67
10965	200 A2	€ 25,65
10966	200 LBR A2	€ 28,12
10967	201 B2	€ 25,65
10968	201 E2	€ 25,65
10777	100 K2	€ 25,65
4446	201 A2B2	€ 30,37
10969	201 A2B2E2	€ 30,37
10970	202 A2B2E2K2	€ 37,35
10726	202 AX	€ 39,60

CODE	SCREW FILTERS	PRICE
10971	203 AXP3 NR D	€ 58,27
6195	202 A2P3 R D	€ 42,07
4447	202 B2P3 R D	€ 42,07
10972	202 E2P3 R D	€ 42,07
10973	201 K2P3 R D	€ 42,07
10974	202 A2B2P3 R D	€ 44,32
10975	202 A2B2E2P3 R D	€ 44,32
6197	203 A2B2E2K2P3 R D	€ 38,25
10591	203 A2B2E2K2HGP3 R D	€ 53,77
9905	203 UP3	€ 97,87



Minimum package: 1 piece



**SANDBLASTING RESPIRATORS**

RC4 is a respirator with a filter with hood. Use with filter P3, protect the face and respiratory tract from splinters, mists, dusts, abrasive particles and can be used for light sandblasting work. ACS 951 and ACS 952 continuous flow insulating devices powered by a compressed air line. Simultaneously protect the respiratory tract and parts of the body most exposed to the projection of abrasive particles. ACS 951 is equipped with a hooded mask. ACS 952 is equipped with a shock-resistant ABS and a bib jacket.



ACS  
952

The use of the ACS 952 is made very comfortable by the presence of the EOD 55 silencer filter, which minimizes noise, from the ability to regulate the continuous flow through the AC 95 regulator by the presence of two exhaust valves protected by paravalade caps that discharge excess air outwards. The low weight, compatible with the protective and durability requirements of the materials used, and the ergonomic design allow an easy and effective use.



ACS  
951

ACS 951 is a continuous flow compressed air insulating respirator equipped with a mask with hood and protective cape that make it an effective protective means for the protection of the respiratory tract and the parts of the body most subjected to the projection of the abrasive particles. It is therefore the ideal device for the protection of operators engaged in operations sandblasting.

Min. package: 1 piece



RC4

CODE	DESCRIPTION	PRICE
10976	Respirator RC4 Half mask with filter hood P3 10964 excluded	€ 333,00
10977	SET ACS 951 Mask with air hood tablet - Complete	€ 1.167,75
10978	SET ACS 952 Compressed air helmet- Complete	€ 1.212,75
10951	Silencer filter EDO55 for set ACS	€ 55,12

CODE	DESCRIPTION ACCESSORIES FOR ACS 951 E ACS 952	PRICE
10979	Tubo 10 m 8 x 17 con raccordi	€ 301,50
9631	Tubo 20 m 8 x 17 con raccordi	€ 551,25
10980	Tubo 30 m 8 x 17 con raccordi	€ 679,50
10981	Tubo 50 m 8 x 17 con raccordi	€ 1.053,00

Respirator is equipped with a wide safety visor composed by an external glass transparent eyepiece and by an internal eyepiece polycarbonate.

## FRESH AIR RESPIRATORS

The current legislation in Italy, which regulates interventions in confined spaces, is represented by articles 66 and 121 Annex IV of Legislative Decree no. 81/2008 and by the D.P.R. n. 177/2011, where the personal protective equipment (PPE) to be used in such situations is prescribed

To answer some of the requirements set by these standards, our company provides a range of fresh air insulating respirators: DUCT. These devices can be used in those places where the presence of oxygen is poor and where ventilation can suddenly change by changing the concentration of toxic elements. The so-called confined spaces: tanks, cisterns, silos, wells, sewage networks.



DUCT is a range of isolating respirators in fresh air with internal mask (Fresh Air) plan to be use in confined spaces like tanks, cisterns, silos, wells, sewage, networks etc. narrow places with little presence of oxygen where the ventilation can change abruptly modifying the concentration of toxic substances present in the environment, places from which it is in any case possible to take uncontaminated air from the surrounding environment without adding compressed air.

The operating principle is identical for both versions: the operator breathes air taken out of the contaminated area by means of a corrugated tube.

DUCT ECO A, assisted fresh air respirator, breathing is facilitated by an electric fan. It can be used by two operators simultaneously.

DUCT ECO, unassisted fresh air respirator, only lung strength is used for breathing.

Min. package: 1 piece

CODE	DESCRIPTION	PRICE
10982	Respirators DUCT ECO (no mask) - Usable with 6187 e/o 10963	€ 1.122,75
10983	RespiratoresDUCT A ECO (no mask) - Usable with 6187 e/o 10963	€ 3.037,50

## ESCAPE REBREATHER

FUGE RESCUE is a compressed air rebreather from the escape fuga (Emergency Escape Breathing Device) that in case of emergency equip an air flux respirable, in question, for a guaranteed minimum time of 15 minutes. It is destined for the use in every place where is able to verify dangerous situations due to the presence of dusts, fire or lack of oxygen.

### Technique Information

Pressure reducer: and piston type with compensator automatic Dispenser to



FUGE  
RESCUE

question: in it is the supplement button. Volume / operating pressure of the tank: 2 l / 300 bar  
Air reserve: 552 N litri - Autonomy: 15 min

### Certification

FUGE RESCUE is a DPI of respiratory tract, certificate CE according to the art. 10 of directive DPI 89/686/CEE; satisfies the requirements of the reference technical standard EN 402:2003.

FUGE RESCUE is a set PED, certificate CE according to Directive PED 2014/68/UE.



SK  
1203

L'SK1203 is a compressed air rebreather open circuit with hood for escape. Intended for use for rescue cars in all environments where dangerous situations may occur due to the presence of fire fumes or lack of oxygen. Plan to guarantee at the user an air flux constant for 15 minutes

### Technique Information

Valve / Pressure reducer: equipped with a pressure gauge to continuously display the cylinder charge  
Volume / operating pressure of the tank: 2 l / 300 bar

Air reserve 550 N liters

Flow delivered: about 36 l / min

Autonomy: > 15 minutes

### Classification and branding

Class certificate 15 minutes EN 1146, ISO 23269-1: 2008 and complies with 89/686 / EEC (DPI) directives, PED 2014/68 / EU and 96/98 / EC (MED).

FUGETR 2002 is a compressed air rebreather for the escape (Emergency Escape Breathing Device) that in case of emergency equip an air flux respirable, in question, for a guaranteed minimum time of 15 minutes. It is destined for the use in every place where is able to verify dangerous situations due to the presence of dusts, fire or lack of oxygen.

### Technique Information

Pressure reducer: and piston type with compensator automatic Dispenser to in it is the supplement button. Volume / operating pressure of the tank: 2 l / 300 bar

Air reserve: 552 N litri - Autonomy: 15 min

### Certification

FUGE is a DPI of respiratory tract, certificate CE according to the art. 10 of directive DPI 89/686/CEE; satisfies the requirements of the reference technical standard EN 402:2003. F

FUGE is a set PED, certificate CE according to Directive PED 2014/68/UE



FUGE  
TR  
2002

Min. package: 1 piece.

CODE	DESCRIPTION	PRICE
10620	SK 1203	€ 1.080,00
10984	Fuge TR 2002 BN CL3	€ 1.831,50
10985	Fuge Rescue TR 2002 BN CL3	€ 1.881,00
10985-1	Fuge Tail TR 2002 BN CL3	€ 2.376,00

## RN INDUSTRIAL REBREATHER

Autonomous portable rebreathers having variable autonomy depending on the tank: 3 e 6 liters 300 bar in steel or 6.8 e 9 liters 300 bar in composite. RN are equipped with masks and sono forniti con maschera e dosatore A (raccordo unificato EN 148-3) o con maschera e doser BN type (bayonet fitting and standard thread EN148-1 for filtration). Rebreathers are particularly indicated for maintenance of chemical plants, in severely polluted environments or with no oxygen.



**RN/A  
1603**

RN/A 1603 T1 is an autonomous portable rebreathers 1 type, appropriate for maintenance in chemical and industrial plants, for use in contaminated environments, for rescue operations and in all those cases where you have one oxygen deficiency in the ambient.

RN/A 1603 T1 combines the maximum protection and comfort with the efficiency, versatility and ease of use of the MK2 System as well as the exceptional field of view of the masks

TR 82 A.

CODE	DESCRIPTION	PRICE
6183	RN-A 1603 (tank excluded)	€ 1.377,00
6182	BVF-A 1303 (tank excluded)	€ 1.233,00
8513	TR 82 A (renewal)	€ 315,00
8461	TR 2002 A CL3 (replacement)	€ 303,75
9629	Erogator A (replacement)	€ 688,50
10986	Erogator BN (replacement)	€ 738,00
10663	Reducer for model RN EN 144 300 Bar	€ 1.053,00
10954	Reducer for model BVF EN 144 300 Bar	€ 936,00
10956	Silicone membrane for dispenser (replacement)	€ 15,75
10957	Pressure gauge set including cannula for RN / BVF (spare)	€ 344,25
10958	Suitecase for breathing apparatus RN to 1 Bottle	€ 427,50
10959	Container for a mask holder with 1 filter (for TR2002 and TR82)	€ 137,92



**BVF  
1303**

The BVF / A 1303 is an autonomous portable self-contained breathing apparatus suitable for short maintenance work in chemical and industrial plants or for escape from dangerous areas.

Il BVF/A 1303 connect at the maximum protection and comfort efficiency, la versatilità and simplicity in the use of the MK2 system and also the masks field view TR 2002 A.

Min. package: 1 piece.

CODE	DESCRIPTION	PRICE
6092	Tank 3 l 300 Bar	€ 450,00
10987	Tank 3 l 300 Bar Composite	€ 1.521,00
6318	Tank 6 l 300 Bar	€ 481,50
10988	Tank 6.8 l 300 Bar Composite	€ 1.962,00
10989	tank 9 l 300 Bar Composite	€ 2.472,75
10964	TR 2002 BN (Replacement) CL3	€ 326,25



### ACCIDENT PREFERENTIAL PROTECTION OF HEARING

Noise is a problem that exist in a lot of work situation: for that exist different tyoes of protective and it's important outline selection criteria to guarantee workers the most suitable protector.

#### EN 352 rule:

The European EN352 rule is divided into several parts. Each part of the rule is applicable to specific types of protection:

The EN352-1, EN352-2, EN352-3 rules define safety requirements and test methods to test the compliance of headphones, earplugs and headphones mounted on hard hats. They shall establish the requirements relating to construction, design and performance, test methods, marking requirements and information for the user. They prescribe the provision of information on the acoustic reduction characteristics of the headphones, measured in accordance with EN 24869-1: 1992, and define a minimum level of mitigation necessary to establish their compliance with this standard.

Rules	
EN 352/1	Chapeau
EN 352/2	Earplugs
EN 352/3	Helmet chapeau
EN 352/4	Electronic chapeau
EN 352/6	Comunication audio chapeau
prEN 352-8	ASudio reception chapeau
EN 458	Guide to the selection, use, preacutions for use and maintenance of PPE anti-noise.

Levels of action and exposure limits			References of sound levels	
Protection measures are necessary for these levels of exihbition				135 Air
			Pain	110
Protection measures	Exihbition 8 ore giorno	Peak of the noise		105 Jackhammer
Inferior action level	80 dBA	135 dBC		80 Voice (scream)
Superior action level	85 dBA	137 dBC		60 Voice (spoken)
Exihbition limit valor	87 dBA	140 dBC		50 Listening to sweet music at home
European Directive 2003/10 / EC published on 15/02/03 in the Official Journal of the European Union				20 Rustling of the fronds of the trees
				5 Minumim level of hearing perpection
*dBC = decibel			dBC	

#### Characteristic:

Vivid colour to make captivating and highly visible protection. The self-regulating polyurethane foam expands inside the ear canal, adapting to whoever wears it. The T-shape facilitates insertion and removal from the ear canal.

#### Maintenance:

All auricular inserts have to be all earplugs must be stored away from impurities before use and between use intervals, so as not to transfer such impurities into the ear canal.. Auricular inserts disposable are polyhrehthane lather. It's not recommended wash and clean auricular inserts disposable. They have to be thrown away and replaced after each use. Extended exhibition in excessive humidity could compromise the attenuation and to slow down the shape recovery by the insert after it has been compressed between the fingers for insertion.

Minimum package: 1 pack of 200 envelopes for 5841.

Minimum package: 1 pack of 1 pair par 6110.

#### Employment:

Maintenance; Offshore; Paper factory; Petrochemistry; Transport; Wood factory; Generic industry.

Rule: EN352/2.

### LASER LITE AURICULAR INSERTS

Laser Lite	SNR=35	H=34	M=32	L=31				
regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Avarage attenuation dB:	33.4	34.1	35.5	37.6	34.6	35.7	42.5	44.1
Standard deviation dB:	4.6	4.7	4.6	4.1	5.0	2.8	2.9	4.2
Presumed protection dB:	28.8	29.4	30.9	33.5	29.9	32.9	39.6	39.9



Without cord	
CODE	PRICE
6110	€ 0,40

With cord	
CODE	PRICE
5841	€ 78,93

#### Characteristics:

Semiauricular protection, soft tampons remain at the external auditory canal, leaning on its entrance. Multiposition arch Archetto multiposizione wearing over the head, under the chin and behind the nape for the maximum flexibility. Foldable, in order to easily replace the device in the pocket. Perfect for worker who are occasionally exposed to harmful noises. Arch tampons have to be replaced frequently, depending on use.

#### Maintenance:

All auricular inserts have to be replaced away from impurities before the use and between intervals use, in order to not transfer these impurities in the intern of auditory canal. It's not recommended wash and clean the inserts tampon, that have to be replaced after the work shift. Exhibition in excessive humidity could compromise the attenuation.

Employment: Graphic factory; Textile factory; Transport; Municipally; Water treatment; Welding; Shipyard; Generic factory; Paper factory.

Rule: EN352/2.  
Min. package: 1 piece.

#### AURICULAR ARCH FOR CAP

Percap		SNR=24	H=27	M=20	L=18			
Regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Average attenuation dB:	21.4	22.5	21.5	19.0	22.6	30.3	35.7	38.8
Standard deviation dB:	4.8	3.5	3.6	2.9	2.7	3.1	4.2	4.3
Presumed protection dB:	16.6	19.0	17.9	16.1	19.9	27.2	31.5	34.5



#### CODE

6111

#### PRICE

€ 8,73

#### PERCAP ARCH REPLACEMENT

#### Characteristics:

Replacement kit for arch auricular insert (cod. 6111).  
Minimum package:  
1 pack of 10 pair.



#### CODE

6112

#### PRICE

€ 49,46

#### Characteristics:

Antirumors headphones with red cups. Very light, moderate attenuation, suitable for general use. Attack of fork cups, adjustable in height. Headphone is characterised for a big light, so is really comfortable also in case of extended use, is the appropriate solution for a protection in place with contained noise.

SNR 24dB

Rule: EN352/1.

Minimum package: 1 piece.

#### ANTIRUMORE HEADPHONE



#### CODICE

10404

#### PREZZO

€ 14,90

#### BILSOM 303 L DISPOSABLE AURICULAR INSERT

Bilsom 303 L	SNR=33		H=32		M=29		L=29	
Regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Average attenuation dB:	28.4	37.3	37.9	39.1	36.0	34.6	42.5	46.4
Standard deviation dB:	6.4	9.0	9.2	9.7	7.9	4.6	4.9	4.7
Presumed protection dB:	22.0	28.3	28.7	29.4	28.1	30.0	37.6	41.8

Tapered shape to facilitate insertion e extraction. Polyurethane foam insert available size L (standard).  
Smooth outer surface for better hygiene.  
Minimum package:  
1 pack of 200 pairs.



#### CODE

6327

#### PRICE

€ 76,90

#### MATRIX DISPOSABLE AURICULAR INSERTS

Orange Matrix	SNR=29		H=31		M=25		L=22	
Regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Avarege attenuation dB:	17.6	21.8	26.1	8.7	29.5	34.9	37.2	39.8
Standard deviation dB:	5.1	4.7	5.4	5.2	5.3	3.8	2.7	4.0
Presumed protection dB:	12.5	17.1	20.7	23.5	24.2	31.1	34.5	35.8

The patented no-roll design facilitates insertion.

The softness of the external part and the reduced diameter offer a long lasting comfort. It's not necessary wait that the later expands. It blocks the harmful noise but allows the voice to filter.

Minimum package: 1 pack of 200 pairs.



#### CODE

6328

#### PRICE

€ 74,87

### L1N ANTIRUMORS HAEDPHONES

L1N	SNR=29		H=31		M=27		L=21	
Regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Avarege attenuation dB:	18.3	17.9	21.9	27.9	32.7	32.1	35.4	35.8
Standard deviation dB:	5.5	3.5	3.2	3.0	2.9	2.9	3.5	3.8
Presumed protectiondB:	12.8	14.4	18.7	24.9	29.8	29.2	31.9	32.0

#### Characteristics:

The Air Flow Control™ technology, patented by Bilsom, allows an excellent attenuation on all frequencies, without increasing the weight or the size of the cups. The sound penetrate in the cups, and thanks to a particular slab joined to a layer of non-woven fabric, it is filtered in a controlled way. The result is a better attenuation over the whole frequency spectrum, to adapt to any work situation.

Air Flow Control is a standard characteristic applied at all the headphones of Lightning serie.

Sturdy bow in resistant steel also in the most demanding conditions.

Snap-on pads allow one easy and quick replacement. Design anatomical and unthreaded is suitable for use combined with other devices protection, including visors, helmets, masks for welding and respirators. Supplied mounting strap for more stable positioning.

Employment: Building and Construction; Power; Petrochemical; Telecommunications; Welding; Foundry; Mechanical / metalworking industry; municipal Services; Water treatment; Generic factory.

Rule: EN352/1.

Minimum package: 1 piece.



CODE	PRICE
6108	€ 32,62

### C3 ANTIRUMORS HAEDPHONES

Percap	SNR=24		H=27	M=20	L=18			
Regularity in Hz:	63	125	250	500	1000	2000	4000	8000
Avarege attenuation dB:	21.1	25.6	33.3	37.5	34.9	32.2	38.8	33.5
Standard deviation dB	4.1	3.1	2.5	2.9	2.9	1.9	4.0	4.4
Presumed protectiondB	17.0	22.4	30.8	34.6	32.0	30.3	34.8	29.1

#### Characteristics:

Filtred technology ameliorate work place communication though an unifolrmal attenuation. Clarity stop the noise and let to hear in a more naturale and clearer way voices, signals, alarms and others sounds with higher frequency without isolated the worker from the surrounding environment. The robust Clarity non-deformable dielectric headsets are resistant to prolonged use while protecting your workers

even in the presence of electricity .

The internal bow drilled allows a better position and reduce the pressure on the head. The soft surface allows adequate ventilation in humid / hot climatic conditions.

Height adjustment remains fixed during use. Snap-on bearings make replacement quick and easy. Employment: army and defense; Airport; Police e Carabinieri; Energy; Petrolchemistry; Metalworking/ mechanic factory; Municipally; Generic factory.

Rule: EN352/1.

Minimum package: 1 piece.



CODE	PRICE
6109	€ 62,96

### "BALTIC ED AEGEAN" ANTIRUMOR HEADPHONE



#### Headphones with CENTURION helmets on page 2/3.

Aegean headphones – S42CE:

Excellent protection from noise created by high frequency Cleaning Kit - S73

SNR= 30dB, H= 34dB, M= 27dB, L= 20dB

Baltic headphones – S41CE:

It can be use in generic application.

Cleaning kit - S44

SNR= 25dB, H= 29dB, M= 22dB, L= 15dB

Minimum package : 1 piece.

CODE	PRICE
8762	€ 85,63

CODE	PRICE
8762-1	€ 97,69

## HEALTH AND SAFETY RULE HANDS PROTECTION

Particular types of gloves are defined protective, in possession of certain characteristics (indicated by law) and suitable to prevent damage from mechanical accidents, traumas or chemical insults, absorption of toxic by the skin route, injury from physical agents of risk (radiation, vibration, cold, heat). A shield-shaped pictogram (symbol of protection against risk) associated with a list of performance levels obtained from one or more laboratory tests, represents most of the European standards relating to protective gloves.

### EN 420 rule: General requisites:

Specify the general requirements regarding:

- Manufacturer identification and product marking. - Harmlessness (eg pH of the most neutral materials possible).
- Respect of the agreed sizes. - Dexterity: (it is advisable that a glove procures more dexterity according to the use that must be made).
- Composition of the glove. - Packaging, storage, washing.
- Information to the user on the package insert for any category of PPE: performance, pictograms, use, precautions for use, range size available ...

### EN 388 rule: Mechanic risks:

The EN388 rule applies to all types of protective gloves as regards physical and mechanical aggressions through abrasion, blade cutting, perforation and tearing. This standard does not apply to anti-vibration gloves.

Service level : from 0 to 4. Necessity: abrasion resistance: Number of cycle necessary to damage the sample to one in a constant speed

Service level: from 0 to 5. Necessity: blade cutting resistance: Number of cycles needed to cut the sample to one constant speed.

Service level: from 0 to 4.. Requirements: tear resistance: Minimum force required to tear the sample.

Service level: from 0 to 4. Necessity: puncture resistance: Force needed to pierce the sample with a normal punch.

### EN 511 rule : Risks against cold:

The EN511 rule defines the requirements and methods of the tests on protection gloves against cold transmitted through convection or conductivity up to -50 ° C. This cold can be linked to weather conditions or an industrial activity. The specific values of the different performance levels are determined by the requirements specific to each category of risks or to each special application environment. Product tests can only be performed for performance levels and not for levels of protection.

Performance level: from 0 to 4. Requirements: convective cold resistance: indicates whether penetration occurs after 30 minutes or not.

Performance level: from 0 to 5. Requirements: contact cold resistance: indicates whether penetration occurs after 30 minutes or not.

Performance level: from 0 to 1. Requirements: water resistance: indicates whether penetration exists after 30 minutes or not.

### EN 407 rule: Thermal risks of heat and fire:

EN407 rule specifies test methods, general requirements, thermal performance levels and marking of heat and / or fire protection gloves. It applies to all gloves that must protect the hands against heat and / or flames under one or more of the following forms: fire, contact heat, convective heat, radiant heat, small projections of molten metal or large projections of molten metal. Tests can only be performed for performance levels and not for levels of protection.

Performance level: from 1 to 4. Requirements: resistance to flammability: time during which the material remains inflamed e continues to burn after the heat source has been eliminated.

Performance level: from 1 to 4. Requirements: contact heat resistance: temperature (in the range from 100 ° C to 500 ° C) to which the person wearing the glove will not feel any pain (for a period of at least 15 seconds).

Performance level: from 1 to 4. Requirements: heat resistance convective: time during which the glove is able to delay the passage of heat from a flame.

Performance level: from 1 to 4. Requirements: resistance to radiant heat: time needed to reach a certain temperature.

Performance level: from 1 to 4. Requirements: resistance to small projections of molten metal: quantity needed to carry the glove at a certain temperature.

Performance level: from 1 to 4. Requirements: resistance to important projections of molten metal: quantity of projections necessary in cause deterioration

### EN 659 rule: protection gloves for fireman:

This rule is only applied to protective gloves for firefighters in the fight against fires and search and rescue operations. Specify the test methods and the minimum performance of these gloves. (for example, the minimum levels of mechanical resistance for the EN388 standard are 2,2,2,2).

### prEN 12477 rule : Protection gloves for welding :

This draft standard specifies the requirements and test methods for gloves used for manual welding of metals, cutting and related techniques. The welding gloves are classified into two types: B when great dexterity is required and A for the other welding procedure

### EN 374-2 rule: Microrganic risks:

EN374-2 rule specifies a test method for the resistance of gloves to penetration of chemicals and / or micro-organics. When gloves resist penetration, and are tested according to this part of the EN374 standard, they constitute an effective barrier against microbiological risks.

Performance level: from 0 to 1. Requirements: penetration: indicates whether or not the product resists water and air penetration.

### EN 374-3 rule: Chemical risk

The EN374-3 rule concerns the determination of the resistance of materials with which gloves are made to permeability with respect to chemicals that are not gases and which are potentially dangerous in the event of continuous contact. It is therefore necessary to clarify that this test does not take into account all the possible situations found in service, and it is therefore recommended to use the results of these tests, which essentially have a relative value, to compare the materials only in large categories of transit times.

Performance level: from 0 to 1. Requirements: penetration: indicates whether or not the product resists water and air penetration.

Performance level: from 0 to 6. Requirements: permeability: indicates the time necessary for a dangerous product to cross the protective film by the effect of permeability.



## HEALTH AND SAFETY RULE HANDS PROTECTION

### EN ISO 10819 rule:

Vibrations and shocks of mechanical origin for the arms and hands. Method of measurement and evaluation of the vibration transmission factor through a glove on the palm of the hand.

Established by the European Committee for Standardization (CEN) to respond to the growing demand for protection against the risks of hand arm vibration (HAVS) syndromes caused by exposure to the risks of hand-transmitted vibrations. Measurements are performed at the level of the palm, with the exclusion of the fingers. The standard specifies as a premise that in the current state of knowledge, gloves are unable to provide a significant attenuation for vibration frequencies below 150 Hz. Some gloves can also increase these frequencies. However, it is important to point out that keeping the hand warm and dry are important properties of a glove and are also of great utility in the limit of some induced effects.

of vibrations.  
The only transmission factor measurement according to ISO 10819 is not sufficient to assess the health risk due to vibrations.

Rule meaning of the vibration transmissions:

“The vibration transmission factor (a ratio) measured on the surface of the bare hand and on the palm of the anti-vibration glove on the occasion of the hold of the handle of an object that vibrates”.

Transmission values above 1 indicate that the glove increases vibrations, values below 0.6 indicate that the glove attenuates vibrations.

The tests are performed for frequencies ranging from 31.5Hz to 1250 Hz, representative of the most widespread tools that vibrate.

Medium frequency spectrum: 31.5Hz to 200Hz  
High frequency spectrum: 200 Hz to 1250 Hz

To be confirmed to the rule EN ISO 10819 needs that:

Transmission in average frequency: TRm that is <1  
Transmission in high frequency: TRh that is <0.6



EN 388

GLOVES		PRODUCTION LEVEL					
EN 388 mechanic risks		1	2	3	4	5	
A	Abrasion resistance <sup>3</sup>	in number cycles	> 100	> 500	> 2000	> 8000	-
B	Cut resistance for slicing	index	> 1,2	> 2,5	> 5,0	> 10,0	> 20,0
C	Rip resistance	in newton	> 10	> 25	> 50	> 75	-
D	Perforation resistance	in newton	> 20	> 60	> 100	> 100	-



EN 511

EN 511 Risks due to cold			1	2	3	4	5
A	Connective cold resistance	thermic isolation in m², °C/W	≥ 0,10	≥ 0,15	≥ 0,22	≥ 0,30	-
B	Contact cold resistance	thermic resistance in m², °C/W	≥ 0,025	≥ 0,050	≥ 0,100	≥ 0,150	-
C	Permeability to water - 1 level waterproof at least 30 minutes						



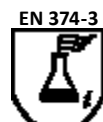
EN 407

EN 407 Heat and/or cold			1	2	3	4	5
A	Attitude and/or cold	Duration of flame peristence	≤20"	≤10"	≤3"	≤2"	-
B	Contanct heat resistance	> 15 seconds to	100° C	250° C	350° C	500° C	-
C	Convective heat resistance	heat transmission	≥4"	≥7"	≥10"	≥18"	
D	Radiant heat resistance	heat transmission	≥5"	≥30"	≥90"	≤150"	-
E	Resistance to small splashes of molten metal	number of drops necessary to obtain a temperature rise of 40 ° C	≥5	≥15	≥25	≥35	-
F	Resistance to large spatters of molten metal	mass (in grams) of cast iron necessary to cause a superficial burn	≥30	≥60	≥120	≥200	-



EN 374-2

### EN 374 Chemical danger



EN 374-3

The revision project of the EN 374 rule (parts 1, 2 and 3) “protective gloves against chemical risks” was adopted. The rule now provides two levels of protection symbolized by specific pictograms. The first level, relative to the EN 374-2 rule, identifies the impermeable gloves with a limited chemical protection (diluted or not very aggressive chemicals). The second pictogram includes the EN 374-3 standard, in this case they are gloves that must be waterproof and offer a resistance determined by permeation (minimum level 2) to at least three chemicals drawn from the list of twelve defined in the standard.

Test chemical list			test chemical list		
Chemical products	Number CAS	Class	Chemical products	Number CAS	Class
A Methanol	67-56-1	Primary alcohol	G Diethylamine	109-89-7	Amine
B Acetone	67-64-1	Ketone	H Tetrahydrofuran	109-99-9	Heterocyclic ether
C Acetonitrile	75-05-8	Nitrile	I Ethyl acetate	141-78-6	Ester
D Dichloromethane	75-09-2	Chlorate hydrocarbon	J n-Heptano	142-85-5	Saturated hydrocarbon
E Disulfide carbon	75-15-0	Organic compound containing sulfur	K Sodium hydroxide 40%	1310-73-2	Inorganic base
F Toluene	108-88-3	Aromatic hydrocarbon	L Sulfuric acid 96%	7664-93-9	Mineral inorganic acid

### LEATHER BOVINE GLOVE

Characteristic: leather bovine glove, beaded cuff, elastic stringy, good resistance to abrasion and tearing.

Applications:

Assembly and assembly, storage, DIY, goods storage, etc.



CODE	SIZE	PRICE
6293	7	€ 8,55
6294	8	€ 8,55
6295	9	€ 8,55
6296	10	€ 8,55
6297	11	€ 9,76

Rule:  
EN388 (2133).  
Minimum package:  
12 Pairs price per pair

### GLOVE IN CRUSTED BACK IN LEATHER BOVINE

Crusted back cowhide glove, bordered cuff, elastic stringy, good abrasion resistance and at the tear.

Applications:

mounting and assembly, storage, DIY, goods storage, etc ...

Statement:  
EN388 (2133)



CODE	SIZE	PRICE
7968	8	€ 6,34
7969	9	
7970	10	

Minimum package:  
12 Pairs price per pair

### DUAL WARM GLOVE

Characteristics:  
guarantees a good resistance to cold, allowing an excellent grip of the tools, the palm without seams makes the glove more comfortable.

Minimum package:  
12 Pairs price per pair



CODE	SIZE	PRICE
4005	7	€ 16,41
4006	8	
4007	9	
4008	10	
4009	11	

### PULLER GLOVE

Characteristics:  
Glove in calfskin leather, microfibre palm, ventilated back in stretch mesh. Ribbed wrist allows a better glove seal..

Minimum package:  
12 Pairs price per pair



CODE	SIZE	PRICE
4000	7	€ 12,99
4001	8	
4002	9	
4003	10	
4004	11	

### INOX ANTICUT GLOVE

CODE	SIZE
5842	7
5843	8
5844	9
5845	10
5846	11
PRICE	
€ 22,73	

Characteristics:  
high softness and comfort, excellent cut resistance, excellent grip in the presence of oils and greases.  
Lining: aramid yarn reinforced with metal filaments.  
Rule: EN 420, EN 388, EN 407.  
Minimum package:  
12 Pairs price per pair



### INOX 15 ANTICUT GLOVE

CODE	SIZE
5847	7
5848	8
5849	9
5850	10
5851	11
PRICE	
€ 31,57	

Characteristics:  
high softness and comfort, excellent cut resistance, excellent grip in the presence of oils and greases.  
Lining: aramid yarn reinforced with metal filaments..  
Rule: EN 420, EN 388, EN 407  
Minimum package:  
12 Pairs price per pair



### FIREMAN FIRE ESCAPE GLOVE

#### Characteristics:

glove in yellow water-repellent grain leather. American cut, reported thumb, knob type. Hand with Kevlar / cotton jersey lining. Artery protection. Crust hose. Elastic on the back. Velcro closure. Seams made with Kevlar thread. Hose of 15 cm.

Recommended uses: Cryogenic, fireproof, chrome intolerance, shockproof.

Complies with EN 659.

Minimum package: 1 pair



CODE	SIZE	PRICE
6338	7	€ 77,72
7887	8	
7888	9	
7889	10	
7890	11	

Descrizione	Lungh.	EN 388 a b c d	EN 407 a b c d e f g	EN 511
Fireman	cm. 36	3 2 2 2	4 1 3 1 X X	a b c

### FIREFIGHTER GLOVE

Gloves for Firefighters entirely in water repellent leather and crust hose.



CODE	SIZE
6165-1	10
PRICE	€ 74,25

Characteristic:  
resists 15 seconds to heat for contact at a temperature of 250 °. Hose, length total 38 cm.

Minimum package: 1 pair

CODE	SIZE
6166	10
PRICE	€ 48,51



### FABRIC ARAMID GLOVE



### FIBER ARAMID GLOVE



#### Characteristics:

Glove in aluminized aramid fiber.

Hose, length total 38cm.

Minimum package: 1 pair.

CODE	SIZE	EN 388
7526	10	
PRICE	€ 86,62	EN 407

### SPLIT LEATHER GLOVE



#### Characteristics:

glove in thick, flame-resistant and heat-resistant cow split, reinforced inserts along the edges, length 350 mm, 140 mm hose, inner support in canvas cotton lining.

Minimum package: 1 pair.

CODE	SIZE	EN 388
5852	10	
PRICE	€ 12,31	EN 407

### FABRIC ARAMID GLOVE



#### Characteristics:

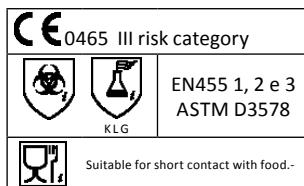
Resistant 15 seconds to heat by contact with one temperature of 250 °.

Hose, total length 28cm.  
Minimum package: 1 pair.

CODE	SIZE	EN 388
7525	10	
PRICE	€ 38,11	EN 407



### DISPOSABLE LATTEX GLOVE



Disposable, non-sterile, single-use glove, based on natural latex, subjected to a chlorination process and therefore to a very low protein content ( $<50\mu\text{g} / \text{g}$ ) and without lubricating powder. Ambidextrous with piping, with internal matte finish and external microuvide, of increased thickness and length. Multipurpose, long-lasting disposable to protect the hand and / or the handled product. High biocompatibility (protein content  $<50\mu\text{g} / \text{g}$ ). Recommended uses: Chemical industry, pharmaceutical industry - Aesthetic and hygiene laboratories for the community - Food processing and transformation - Mechanical workshops and body shops. Warnings: Avoid use with oils, greases and hydrocarbon derivatives.

Product containing natural rubber that can create allergic reactions in sensitive individuals.

CODICE	TAGLIA	PREZZO
6117	7	€ 23,85
7605	8	
7606	9	
7607	10	

Colour: blue.  
Thickness: 0,28 mm (avarage value).  
Lenght: 280 mm.  
External finishing: microuneven.  
Minimum package: 1 pack of 50 pieces.

### DISPOSABLE LATTEX GLOVE



Characteristics:  
Disposable glove in natural ambidextrous rubber latex with piping. Internally lubricated with vegetable starch powder, biocompatible. Excellent sensitivity, dexterity and comfort. Excellent elasticity even at low temperatures. Moderate resistance to diluted detergents and detergents and to aqueous solutions of compounds in general. Multipurpose disposable of controlled quality AQL 1.5 (due to the absence of holes) for short-term uses to protect the hand and / or the handled product.

Recommended uses: Chemical industry, pharmaceutical industry, laboratories - Medical / veterinary sector - Aesthetics and hygiene for the community - Food processing and transformation - Catering - Catering.

Warnings: Avoid contact with oils, greases, hydrocarbons and aggressive chemicals and mechanical products. The product contains natural rubber that can create allergic reactions in sensitive individuals.

CODE	SIZE	PRICE
6349	7	€ 10,80
7617	8	
7618	9	
7619	10	



Colour: white lattex.  
Thickness: 0,12 mm (avarege value).  
Lenght: 240 mm.  
External finishing: smooth.  
Minimum package: 1 pack of 100 pieces.

### DISPOSABLE NITRILE GLOVE

Characteristics:

Disposable synthetic nitrile glove, ambidextrous with piping. High sensitivity, dexterity and comfort. Chemical resistance to detergents and detergents, also concentrated, hydrocarbons, solvents, ethers and freon (TF). Good mechanical strength higher than the single-use latex / vinyl glove.

Multipurpose, long-lasting disposable to protect the hand and / or the handled product. High biocompatibility (free from natural latex).

Recommended use:

Assembly and maintenance - Chemical industry, pharmaceutical industry, laboratories - Application of glues and paints - Food processing - Mechanical workshops and body shops.

Warnings:

Avoid contact with nitrogenous organic products, oxidizing acids, ketone solvents..

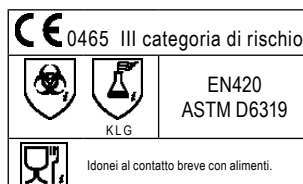
Colur: blue- light blue.

thinkness: 0,12 mm (avarage value).

Lenght: 240 mm

External finishing: microuneven.

Minimum package: 1 pack of 100 pieces

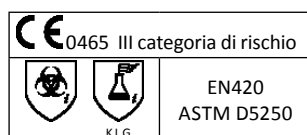




### DISPOSABLE NITRILE GLOVE



CODE	SIZE	PRICE
6118	S (6-6,5)	€ 6,88
7614	M (7-7,5)	
7615	L (8-8,5)	
7616	XL (9-9,5)	



#### Characteristics:

Disposable synthetic glove in ambidextrous polyvinyl chloride with edge. Internally lubricated with vegetable starch powder. High biocompatibility (free from natural latex). High sensitivity, dexterity and comfort. Moderate chemical resistance to detergents, diluted detergents and to aqueous solutions of compounds in general. Multipurpose disposable for short-term uses to protect the hand and / or the handled product.

Recommended for individuals allergic to natural latex.

Recommended uses: Preparation of drugs and cosmetics - Fine manipulations -

Hair treatment - Graphic arts - Delicate cleaning work.

Warnings: Avoid use with oils, greases and hydrocarbons.

Colour: transparent white.

Thickness: 0,11 mm (average value).

Length: 240 mm.

External finishing: smooth

Minimum package:

1pack of 100 pieces

### DISPOSABLE LATEX GLOVE WITHOUT DUSTS

#### Characteristics:

Disposable glove made of natural rubber latex internally and externally, powder-free, with high biocompatibility, very low protein content (<50µg / g), ambidextrous with edge. Excellent sensitivity, dexterity and comfort. Excellent elasticity even at low temperatures. Good chemical resistance to diluted detergents and detergents and to aqueous solutions of compounds in general. Disposable polyovavente quality controlled AQL 1,5 (for no holes), for short-term use to protect the hand and / or the product handled.

Recommended uses: Chemical industry, pharmaceuticals, laboratories, electronics - Medical / veterinary sector - Aesthetics and hygiene for the community - Food processing and transformation - Catering - Catering.

Warnings: Avoid use with oils, greases, hydrocarbons and derivatives.

Warning: the product contains natural rubber that can create allergic reactions in sensitive individuals.

Colour: amber.f.d

Thickness: 0,12 mm (average value)

Length: 240 mm.

External finishing: microuneven.

Minimum package: 1 pack of 100 pieces



CODE	SIZE	PRICE
6121	S (6-6,5)	€ 16,65
7608	M (7-7,5)	
7609	L (8-8,5)	
7610	XL (9-9,5)	



### TOTAL PROOF GLOVE



Characteristics:  
excellent protection against oils and greases, thanks to the total nitrile coverage, high resistance to abrasion.

Rule: EN 420, EN 388

Minimum package:  
12 Pair price per pair

CODE	SIZE	PRICE
5853	7	€ 6,67
5854	8	
5855	9	
5856	10	
5857	11	

### LOADER DEEP GLOVE

#### Characteristics:

fully lined, waterproof, reinforced hose, a lot robust and with high resistance mechanical, rapid extraction of the glove.

Rule: EN 420, EN 388

Minimum package:  
12 Pair price per pair

CODE	SIZE	PRICE
4015	9	€ 6,80
4016	10	
4017	11	



### POWERCOAT NITRAF GLOVE



#### Characteristics:

Nitrile glove without support. Cotton interior  
Flocked. Diamond finishes. Green colour. Thickness: 0.40 mm. Length: 33 cm. Chemical protection.  
EN 420

Minimum package:  
10 pairs price per pair

CODE	SIZE	PRICE
4022	7	€ 6,67
4023	8	
4024	9	
4025	10	
4026	11	

### POWERCOAT NEOFIT GLOVE



#### Characteristics:

Neoprene glove without lining. Flocked cotton interior.  
Diamond finishes. Black colour. Thickness 0.60mm. Length 33 cm. Chemical protection.  
EN 420

Minimum package:  
10 pairs price per pair

CODICE	TAGLIA	PREZZO
4018	7	€ 15,18
4019	8	
4020	9	
4021	10	

### MAINBIS 40 GLOVE

#### Characteristics:

Red PVC glove. Support in interlock cotton.

#### Recommended uses:

Handling in an aggressive environment: oils, greases, chemicals, hydrocarbons.

Thickness: 1.2 / 1.3 mm.

Length: 400 mm.

Finishing: smooth.

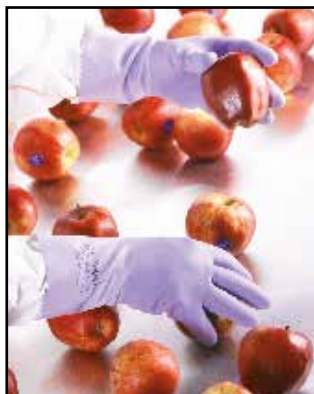
Minimum package: 1 pair.

Description	Lenght	EN 388 a b c d	EN 374
Mainbis 40	cm. 40	4 1 2 1	A K L

CODE	SIZE	PRICE
6339	7/8	€ 18,19
7891	9/10	
7892	11/12	



### FINEDEX GLOVE



CODE	SIZE	PRIZE
6340	7	€ 14,04
7893	8	
7894	9	
7895	10	
7896	11	

#### Characteristics:

Latex glove on knit support 100% polyamide.

Good resistance to abrasion and tearing.

#### Recommended uses:

Handling of wet objects.

Certificate for food contact.

Thickness: 1.3 mm.

Length: 300 mm.

Finishing: anti-cut ruffle.

Minimum package: 10 pairs per pair

Description	Lenght.	EN 388 a b c d	EN 374
Finedex	cm. 30	3 1 3 1	cat. 2

### OILPROOF GLOVE



**Characteristic:**

high abrasion resistance, breathable nylon lining, high grip on oily surfaces thanks to the special sanded nitrile coating, double layer nitrile palm, robust and waterproof.

Area of use: fittings, contact with oils and fats, building mechanical and automotive industries, billing, compound handling metal parts, maintenance.

Standard: EN 420, EN 388

Minimum package:

12 Pair price per pair

CODE	SIZE	PRICE
4027	7	€ 4,86
4028	8	
4029	9	
4030	10	
4031	11	

### LABOUR GLOVE



**Characteristics:**

High resistance to oils, excellent dexterity, excellent grip on dry surfaces.

Area of use: agriculture, fittings, construction, light industry, mechanical industry, maintenance.

Rule: EN 420, EN 388

Complete cardboard: 144 pairs.

Minimum package:

12 Pair price per pair

CODE	SIZE	PRICE
10299	7	€ 2,68
10300	8	
10301	9	
10302	10	
10303	11	

### NIMBLE GLOVE



**Characteristics:**

recommended for jobs where small objects are handled, maximum dexterity and agility of the hand, maximum lightness and breathability.

Area of use: packaging, cleaning work.

Rule: EN 420, EN 388

Minimum package:

12 Pair price per pair

CODE	SIZE	PRICE
10304	6	€ 2,65
10305	7	
10306	8	
10307	9	
10308	10	
10309	11	

### GUANTO POLYTRIL TOP



**Characteristics:**

Polyamide knit entirely coated with waterproof and abrasion-resistant nitrile rubber.

Fine manipulation of wet objects by dripping or immersed in oil. Rubber mechanical industry.

**Recommended uses:**

Manipulations in fatty environments, wet and dirty.

EN 420 - EN 388 ru

Minimum package:

10 Pairs price per pair

CODE	SIZE	PRICE
6341	7	€ 6,26
7897	8	
7898	9	
7899	10	
7903	11	



### GUANTO PERFECT CUTTING MIX



Characteristics:  
Knitted glove of Dyneema and polyamide.  
Gray polyurethane coating on the palm and fingertips. Elastic wrist. The yarn in Dyneema and Lycra provides excellent anti-cut properties.  
The polyurethane coating on the palm and on the tips of the fingers provides considerable anti-abrasion protection.  
The rough finish improves the grip of the glove.

CODE	SIZE	PRICE
6348	7	€ 23,46
7713	8	
7714	9	
7715	10	



Recommended uses:  
Manipulations of small parts sharp in dry environments.  
Fineness 13; - Length: 24 cm  
Minimum package:  
10 Pairs price per pair

### CHAINEX GLOVE



Characteristics:  
Mesh glove in stainless steel.  
The best glove for the sector feed thanks to the system of ergonomic closure.  
CHAINEX gives a guarantee additional duration.  
Recommended uses:  
Works with knives and other sharp objects and / or perforating.  
Minimum package:  
1 piece

CODE	SIZE	PRICE
6329	6	€ 274,50
6330	7	
6331	8	
6332	9	
6333	10	
6334	11	

### LAMEX APRON

Characteristics:  
Apron in aluminum plates.  
Closure with belt and straps in fabric or adjustable and removable plastic material.  
Connecting rings in stainless steel.  
Recommended uses:  
Work with knives and other sharp and / or perforating objects.  
Minimum package:  
1 piece



CODE	SIZE	PRICE
6335	75x55	€ 319,50

### ELECTROSOFT LATEX GLOVE



Characteristics:  
Wide range of operating conditions (from 500 to 36000 volts) and meets all protection classes from 00 to 4. High dielectric characteristics. Insulating gloves without support should be worn with a leather over-glove for good mechanical protection (cut or tear) and electric arc. The latex structure is associated with two types of finishes: with rolled or cut edges.  
Natural latex offers high dielectric properties.  
The ergonomic shape and the interior with a light layer of dust improve comfort thanks to a greater softness. Length: 360mm (class 4: 410mm).  
Standard: EN 60903-2003 / CEI 903-2002

CODE	CLASS	TENS.	SIZE	MIN. PACK.	PRICE
6342	00	500	10	1 Pair	€ 58,47
6343	0	1000	10	1 Pair	€ 74,97
6344	1	7500	10	1 Pair	€ 106,01
6345	2	17000	10	1 Pair	€ 119,92
6346	3	26500	10	1 Pair	€ 159,04
6347	4	36000	10	1 Pair	€ 344,50



### HEALTH AND SAFETY RULE ANTI-FALL DEVICES

Anti-fall devices include different products suitable for the risks involved and the necessary protection.

These products (harnesses, fall arrest devices on the anchor line, work positioning devices, energy absorber, retractable fall arrest devices, accessories) are regulated by the European standards for personal protective equipment (PPE).

#### **EN 363 RULE : fall arrest devices**

Set of personal protective equipment against falls from a height, connected to each other and intended for the arrest of a fall from a height. A fall arrest device must contain at least one harness and a fall arrest device.

#### **EN 364 rule: Test methods**

Describes the methods of the tests related to the different PPE against falls from the top, as well as the equipment necessary to perform such tests..

#### **EN 365 rule: General requirements for use and marking**

Description of the markings that must appear on the PPE against falls from the top together with the information on the instructions for use.

#### **EN 353-1 rule: Fall arrest devices on a rigid anchor line**

System consisting of a mobile device with automatic locking fixed to the rigid anchor line (track, cable ...). An energy dissipation element can be incorporated into the system.

#### **EN 353-2 rule : Fall prevention devices on a flexible anchor line**

System consisting of a mobile device with automatic locking fixed to the flexible anchor line (rope, cable ...). An energy dissipation element can be incorporated into the system.

#### **EN 354 rule : Cords**

Connection elements or components of a system. A rope can be made of synthetic fibers, a metal cable, straps or chains. Maximum length 2 m. Warning: a rope without energy absorber should not be used as a fall arrest system

#### **NEN 355 rule: energy absorber**

Component of a fall arrest device that ensures the arrest of a fall from the top in complete safety, reducing the impact of the impact.

#### **EN 358 rule : Position devices at work**

A work positioning system is made up of elements (belt and maintenance line at work) joined together to form complete equipment.

#### **EN 360 rule: Retractable fall arrester**

Anti-fall device equipped with a self-locking function and an automatic tension and return system for the lanyard. An energy dissipating element can be integrated in the device itself or in the retractable cord.

#### **EN 361 rule: lashing**

Support for the body during a fall. The harness can consist of straps, rings and other elements positioned and adjusted appropriately on a person's body to keep it during or after a fall arrest.

#### **EN 362 rule: Connectors**

Connection elements or components of a system; a connector can be a carabiner or pliers.

#### **EN 795 rule: Anchor device**

Element to which an individual protection device can be locked.

- Class A1: non-PPE It consists of anchor points designed to be fixed on vertical, horizontal and inclined surfaces (walls, columns, lintels).
- Class A2: non-PPE It consists of anchor points designed to be fixed on inclined roofs.
- Class B: PPE It consists of transportable temporary anchor points.
- Class C: non-PPE It consists of anchoring devices equipped with horizontal "lifeline" flexible supports; allowed inclination of 15 °.
- Class D: non-PPE It consists of anchoring devices equipped with horizontal rigid rails.

### BASIS OF AN INDIVIDUAL SYSTEM OF FALL PROTECTION

#### **Anchor and connector point**

Anchor point: point where the fall protection system is connected reliably (anchoring tape, tripod, lifeline, etc.)

- Must have a resistance > 10kN for at least 3 minutes (EN 795 Class B)
- It must be at a sufficient height to avoid, in the event of a fall, the impact of the operator against the ground or a structure underlying the worktop

Connector: connecting element between the connection system and the anchor point (anchorage pliers, large opening karabiner, etc.)

- Must have a resistance > 15kN for at least 3 minutes (EN 362)

fall arrest harness

- In case of fall, it must be able to hold the person and to guarantee a stop without injuries
- The only harness able to hold a person in case of fall guaranteeing the arrest of it is that complete, provided of suspenders and leg straps in accordance with law EN 361

- It must be select according to the type of job and the environment of job
- All the points of hookup on the harness must have a resistance > 15kN for at least 3 minutes (EN 361 and EN 358)

#### **Device of Device of connection**

Element that connects the anti-fall harness to the point of anchorage or to the connector (anti-fall lanyard, retractable device, etc.)

- It must limit the fall and it must be select in operation of the environment of job
- It must be calculate the height of potential fall to determine the element of necessary connection

### 1 POINT WITHOUT BELT HARNESS

**Characteristics:**

As the whole line, this harness offers a good price-quality ratio. The external black ribbon quickly underlines if the harness has been worn in correct way. Suspenders and leg straps are adjustable and therefore the harness easily suits for different sizes. 1 point dorsal attack with ring to D in galvanized steel harness. Blue textile ribbon with black line in polyamide 45 mm. Buckle in steel galvanized to rapid opening. Weight 500 grs. Performances:

Opening buckles rapids in steel galvanized Law EN 361.

Employment: housebuilding and constructions.

Minimum package: 1 piece.



CODE	PRICE
6251	€ 61,84

### 2 POINTS WITHOUT BELT HARNESS

**Characteristics:**

As the whole line, this harness offers a good price-quality ratio. The black line in contrast on the external side of the ribbon in blue polyamide quickly underlines if the harness has been worn in correct way. Suspenders and leg straps are adjustable and therefore the harness easily suits for different sizes. 2 points dorsal attack with ring to D in galvanized steel harness. Blue textile ribbon with black line in polyamide 45 mm. Buckles in steel galvanized to rapid opening. Weight 600 grs.

**Performances:**

Opening buckles rapids in steel galvanized Norm EN 361.

Employment: housebuilding and constructions;

Generic industry.

Minimum package: 1 piece.



CODE	PRICE
6252	€ 78,21

### 1 POINT WITH BELT HARNESS

**Characteristics:**

As the whole line, this harness offers a good price-quality ratio. The black line in contrast on the external side of the ribbon in blue polyamide quickly underlines if the harness has been worn in correct way. The leg straps are adjustable to suit the harness for all the sizes. Dorsal D ring movable to improve the regulation. 1 point of dorsal attack in textile ribbon of blue polyamide harness in contrast to a black line from 45 mm. with belt of positioning endowed with buckle in galvanized steel. Dorsal rings and sides in stainless steel, quick opening buckles and adjustable leg straps.

Weight 1 kg. Performances: quick opening buckle in steel galvanized Norm EN 361.

Harness for the body Norm EN 358.

Positioning systems.

Employment: housebuilding and constructions.

Minimum package: 1 piece.



CODE	PRICE
6253	€ 121,89

### 2 POINTS WITH BELT HARNESS

**Characteristics:**

As the whole line, this harness offers a good price-quality ratio. The black line in contrast on the external side of the ribbon in blue polyamide quickly underlines if the harness has been worn in correct way. Comforting belt of positioning, lateral D rings, quick opening buckles and adjustable leg straps to suit the harness for all the sizes.

2 points dorsal and sternal of attack. Textile blue polyamide tape 45mm with a black line in contrast on the external part.

Positioning belt, lateral rings and quick opening buckles in stainless steel; adjustable leg straps.

Weight: 1 kg. Performances:

Quick opening buckles in steel galvanized Norm EN 361.

Harness for the body Norm EN 358.

Positioning systems.

Employment: housebuilding and constructions.

Minimum package: 1 piece.



CODE	PRICE
6254	€ 142,82

### POSITIONING BELT

**Characteristics:**

Positioning light belt with 2 lateral D rings in stainless steel.

**Attention:**

The single belt is not employable in case of risk falls but only for positioning activities.

Employment: housebuilding. Law: EN 358.

Minimum package: 1 piece.



CODE	PRICE
6255	€ 61,21

### CML 120 CONNECTOR

Characteristics:  
Ferrule Moschettone in aluminum with opening 21 mm. Weight 0,082 Kg.  
Resistance to the breakup > 22kN.  
Selling points: the anchorage connectors are used for fixing an intermediary attack to a point of anchorage.  
Risks: fall from height.  
Law: EN 362.  
Minimum package:  
1 piece.



CODE	PRICE
6256	€ 19,68

### ZICRAL CONNECTOR

Characteristics:  
Drum  
Material raw - Aluminum

Dimensions  
Length: 108 mm  
Width: 61 mm  
Diameter: 11.5  
Opening: 16 mm

Performances:  
resistance to the breakup  
>2800 daN



Minimum package: 1 piece.

CODE	PRICE
5901	€ 40,28

### GO60 CONNECTOR

Characteristics:  
Drum  
Material raw - Aluminum  
Dimensions: Length 240 mm  
Width: 113 mm  
Diametro: 12 mm  
Opening: 60 mm  
Performances: resistance to the breakup > 2300 daN Weight (kg): 0.245kg  
Minimum package: 1 piece.



CODE	PRICE
5902	€ 125,19

### ANCHORAGE FOR CONNECTORS

Characteristics:  
Dimensions: Length 350 mm  
Width: 134 mm  
Diameter: 6 mm  
Opening: 75 mm  
Performances: resistance to the breakup > 30 kNs  
Weight (kg): 0,300 kg  
Minimum package: 1 piece.



CODICE	PREZZO
5903	€ 69,92

### GUIDED AUTOMATIC DEVICE

Characteristics:  
the guided automatic device and the line of anchorage protect the consumer from falls during the slope or the descent. The guided automatic device is endowed with a system of quick block activation that limits the free fall in few centimeters. Norm: EN 362. Opening: 20 mm. Load of breakup: > 22kN. Norm: EN 353 -2. Norm: EN 696. Load of breakup: > 2940 daN. Dimensions: Lung. 100mm xes Larg. 415mm - Spess. 25mm. Temperature of exercise -30°C / +50°C. Employment: housebuilding and constructions; Generic industry.  
Minimum package: 1 piece.



CODICE	METRI	PREZZO
6246	20 ML	€ 284,51
6246-1	10 ML	€ 216,78

### RETRACTABLE DEVICE

Characteristics:  
Great safety: the system of quick arrest allows to arrest the fall within few centimeters. The device is, besides, endowed with an indicator of fall.  
Comfort: Light. The retractable device to automatic call to cable in galvanized steel - is the ideal antifall solution for the housebuilding, for the industry, for industrial sheds, for firms of public utility and for confined spaces. System of block in bronze and stainless steel. Maximum load: 136Kg  
Norm EN 360. dimensions: Lung. 255mm xes Larg. 213mm  
Spess. 101mm - Opening 17mm.  
Temperature of exercise -30°C/+50°C.  
Resistance to the breakup: > 12kN.  
Minimum package: 1 piece.



CODE	METRICS	PRICE
6257	6,2 ML	€ 1.559,78
6258	10 ML	€ 1.621,83
10018	20 ML	€ 2.056,06

### LANYARD WITH ME52 ABSORBER

#### Characteristics:

Lanyard with absorber of energy with rope, endowed with 2 lives carabiners. It is suitable for particularly difficult conditions of job. The lanyards offer a great comfort in case of fall. The small dimensions of the squanderer of energy reduce the weight and they make the lanyards easier to use and to bring. Available with a series of different and projected attacks to improve the antifall protection. Weight 0,774 Kg.

Rope from 2 mt. in polyamide Ø12 mm - 3 trefolis.

Temperature of exercise -30°C / +50°C

Law: EN 355. resistance rope > 25kN.

Resistance to the breakup > 15kN. Minimum package: 1 piece.



CODE
6259
PRICE
€ 160,53

### FORK TAPE ME05

#### Characteristics:

Fork tape with absorber of energy that, in case of fall, limits the energy to a maximum of 6 kNs. Furnished of two ample automatic connectors 50mm of opening and a carabiner

ML00 opening 18 mm. Weight 1,500 Kg.

Type from 2 mt. in yellow polyester 23 mm.

Resistance tape > 30kN.

Temperature of exercise -30°C / +50°C.

Resistance to the breakup > 15kN.

Employment: housebuilding and constructions; Generic industry. Law: EN 355.

Minimum package: 1 piece.



CODE
6247
PRICE
€ 265,27

### LANYARD WITH ME82 ABSORBER

#### Characteristics:

Light and easy-to-use, the extensible lanyard is ideal for the hookup to crane and scaffoldings. When contract, the extensible lanyard with absorber of energy reduces the risk to stumble. The special material absorbs the energy reducing the strengths of the fall. Complete of 2 galvanized connectors and finishing touch in TEFLON.

Weight 0,675 Kg. Extension: 32%. Portrait length: 1.35

mt. Energy's absorber integrated. Fibers of polyester.

Reduction of the strength of impact: > 5kN.

External coverage with high resistance: strap in polyamide from 6.6 from 45mm of green colour. Load of breakup > 22kN. Load of breakup > 29kN.

Temperature of exercise -30°C / +50°C. Resistance to the breakup > 15kN. Length: 2 mt.

Law: EN 355. Minimum package: 1 piece.



CODICE
6250
PREZZO
€ 170,66

### LANYARD WITH ME86 ABSORBER

#### Characteristics:

Light connection lanyard with ability of extension equal to 32%; it accompanies the movements of the operator without "to throw", to bother or to hamper during the various operations. External covering to tall resistance and essay with Teflon® to improve the resistance to the dirty, dust, greasy, water increasing the vital cycle of it. Energy's absorber integrated endowed with indicative of fall of clear understanding. Easy to inspect: when the external covering is damaged or worn and the inside part of the lanyard is visible, The lanyard must be replaced. Complete of grapevine carabiner and quick hookup for scaffoldings (opening 50 mm.).

Weight 0,985 Kg.

Temperature of exercise -30°C/+50°C.

Resistance to the breakup > 15kN. Tape: external coverage with high resistance in polyamide strap from 6.6 45 mm of green

colour. Length: 2 mt.

Law: EN 355.

Min. package: 1 piece.



CODE
6249
PRICE
€ 206,02

### OSITION LANYARD

#### Characteristics:

Adjustable positioning tape and rope in 100% polyamide with diameter from 12 mm. Length

2 mt. with 2 automatic carabiners in light league "twistlock." Opening 21 mm. Weight 0,390 Kg.

Resistance to the breakup > 15kN.

Resistance Rope > 29kN.

Law: EN 358.

Min. package:

1 piece



CODE
6248
PRICE
€ 97,61

### ANCHORING WEBBING

CODE	MEASURES	PRICE
5904	0,6 Mt 20 mm	€ 18,60
5905	0,8 Mt 20 mm	€ 19,59
5906	1 Mt 20 mm	€ 22,46
5907	1,2 Mt 20 mm	€ 24,52
5908	1,5 Mt 20 mm	€ 26,55



#### Characteristics:

Exceptional resistance to the breakup. Point of sure and easy anchorage to be installed. Advantages: the anchoring webbing represents a point of sure anchorage for the device of arrest anticaduta.

Law: EN 795

Minimum package: 1 piece.



## 2 POINTS HARNESS

The Miller H-Design® DuraFlex™ harnesses with 2 points represent the new generation of harnesses for the building and industrial sector, created to offer great comfort, liberty of movement and safety to the workers.

CODE	DESCRIPTION
5912	Taglia 1 - Small
5913	Taglia 2 - Medium
5914	Taglia 3 - Large
PRICE	
€ 194,31	

The H innovative and ergonomic structure has been projected for guarantee comfort and liberty of movement, allowing to focus on the jobs in height.

### Characteristics:

Suspenders: Standard green ribbon from 44 mm. PES with treatment PTFE (water-repellent/ stain-resistant) Resistance to the breakup: > 2700 daN

Other straps: standard black tape from 44 mm. PES with treatment PTFE (water-repellent / stain-resistant) Resistance to the breakup: > 2700 daN

D ring for dorsal anchorage. Material: steel

Finishing: galvanized silver

Resistance to the breakup: > 2300 daN

Automatic buckles in aluminum: Resistance to the breakup: > 900 daN

Coupled buckles in steel:

Finishing: galvanized silver

Resistance to the breakup: > 900 daN

Minimum package: 1 Piece.



## 1 POINT HARNESS



CODE	DESCRIPTION
5909	Size 1 - Small
5910	Size 2 - Medium
5911	Size 3 - Large
PRICE	
€ 173,51	

The Miller H-Design® harnesses represent the new generation of harnesses for the building and industrial sector, created to offer great comfort, liberty of movement and safety to the workers.

Suspenders: Standard green ribbon from 44 mm. PES with treatment PTFE (water-repellent/ stain-resistant) Resistance to the breakup: > 2700 daN

Other straps: standard black tape from 44 mm. PES with treatment PTFE (water-repellent / stain-resistant) Resistance to the breakup: > 2700 daN

D ring for dorsal anchorage. Material: steel

Finishing: galvanized silver

Resistance to the breakup: > 2300 daN

Anchoring sternal point: textile rings of increased dimensions.

Coupled buckles in steel: Finish: galvanized silver.

Resistance to the breakup: > 900 daN

Weight: 1 kg

Resistance to the breakup: > 15 KNs Temperature: from -30 °Cs to +50 °Cs

Complete harnesses EN 361

Certified for a maximum load of 140 kg.

Minimum package: 1 Piece.

### MILLER AVIABLOC

The lighter retractable on the market with a compact carter in plastics and retractable tape. The MI20 model includes an absorber of energy integrated for reducing the strength of impact of the fall and is endowed with two lives carabiners. Advantages: retractable light with a compact carter in plastics and textile ape.

Recommendations: sector industrial Risks: fallen by the tall Law: Conforming to the norm EN360

Minimum package: 1 piece.



CODE	DESCRIPTION	PRICE
5915	Mt 2,5 with 2 carabiners	€ 306,53
5916	Mt 2,5 without carabiners	€ 188,27

### RETRACTABLE DEVICE

Miller MightEvac combines the excellent performances and the reliability of the series of retractable devices with recuperator MightyLite most sold with the mechanism of quick activation recovery for the evacuation of emergency. Characteristics: Block of arrest of the fall with winch for the recovery. Used in combination with the tripod Miller informs a stable and sure system of entry in confined spaces / assisted. Indicative of fall.

Complete of carabiner in ferrule. Furnished without stirrups.

Advantages: Lodging in steel printed and a compact structure for serious employments.

Easy to use and with winch for the recovery (aloft / in low). Min. package: 1 piece.



CODE	DESCRIPTION	PRICE
5917	Mt 15	€ 2.739,85
5918	Mt 30	€ 4.364,86
5919	Mt 40	€ 4.922,38
5920	Support x 15 Mt	€ 515,12
5921	Support x 30/40 Mt	€ 515,12

### SWIVEL ARM CRANE

POTEX swivel arm crane, winch for the recovery integrated by 30 ms.

Characteristics:

Integrated recuperator 30m, adjustable feet to suit for the various situations.

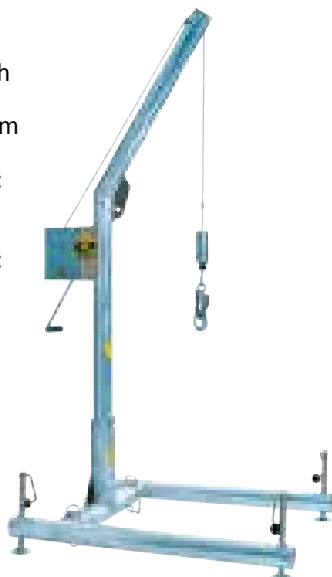
Advantages:

- System of revolving lifting.
- Easy access in confined spaces.

Height Opened: maximum external height 2,25m - Height below the carabiner: 2,1m. Refolded: Minimum height : 2,05m - Height below the carabiner: 1,9m.

Wide length: 1,3m Length treats again: 1,3m. Width Opened - Maximum external width: 1,3m Distance among the feet: 1,11m. Min. refolded Width: 1m Distance among the feet: 0,81m.

Min. package: 1 piece



CODE	PRICE
5922	€ 5.818,17

### WINCH TRIPOD

Easy to install by one single person, the selflock and completely adjustable footsies firmly fix the tripod in position thanks to the automatic locks. Not chains are necessary to fix the footsies, so reducing the risk of you stumble.

Compact and strong, Manhandler is both a recuperatore and a winch. Pulley Miller, included with tripod and recuperator: Flat and revolving with to the sides pulleys of great diameter that guarantee the excellent effectiveness. Min. package: 1 piece.



CODE	DESCRIPTION	PRICE
9962	Tripod	€ 2.391,12
10017	Mt 20 winch	€ 2.719,35
5923	Pulley (replacement)	€ 269,61

# WORK CLOTHING AND SAFETY FOOTWEAR



JACKET - WALL

Sz.	CODES					
	Mud-Black	Black-Black	Anthrac.-Black	Grey-Black	Navy-Black	Rope-Black
44	4700	4711	4722	4733	4744	4755
46	4701	4712	4723	4734	4745	4756
48	4702	4713	4724	4735	4746	4757
50	4703	4714	4725	4736	4747	4758
52	4704	4715	4726	4737	4748	4759
54	4705	4716	4727	4738	4749	4760
56	4706	4717	4728	4739	4750	4761
58	4707	4718	4729	4740	4751	4762
60	4708	4719	4730	4741	4752	4763
62	4709	4720	4731	4742	4753	4764
64	4710	4721	4732	4743	4754	4765
€	€ 108,18	€ 105,91	€ 105,91	€ 105,91	€ 105,91	€ 105,91

EN ISO  
13688:2013

DESCRIPTION:

2 inside pockets, large pockets on the breast and on the fund, refracting inserts 3M. Scotchlite. Reflective Material - 8910 Silver Fabric, insert penholder, width life and cuff adjustable, ear passer-by, cut sleeve ergonomic, pocket brings cellular with And-dear, patches elbows in CORDURA®, zip YKK®

COMPOSITION:

TD000 - 60% cotton - 40% polyester.

WEIGHT: 245 g/m<sup>2</sup>

AREA OF USE: housebuilding, industry, logistics.

UNDETACTABLE BY METAL DETECTORS

Min . package: 1 piece.



TROUSERS - CARPENTER

Sz.	CODES					
	Mud-Black	Black-Black	Anthrac.-Black	Grey-Black	Navy-Black	Rope-Black
44	6528	6550	6539	6506	6517	6131
46	6529	6551	6540	6507	6518	6496
48	6530	6552	6541	6508	6519	6497
50	6531	6553	6542	6509	6520	6498
52	6532	6554	6543	6510	6521	6499
54	6533	6555	6544	6511	6522	6500
56	6534	6556	6545	6512	6523	6501
58	6535	6557	6546	6513	6524	6502
60	6536	6558	6547	6514	6525	6503
62	6537	6559	6548	6515	6526	6504
64	3568	6560	6549	6516	6527	6505
€	€ 79,54	€ 77,27	€ 77,27	€ 77,27	€ 77,27	€ 77,27

EN ISO  
13688:2013

DESCRIPTION:

4 large anterior pockets, double back pocket one with flap, refracting inserts 3M. Scotchlite. Reflective Material - 8910 Silver Fabric, passing hammers equipped, reinforcements knees in CORDURA®, ergonomic cut of legs and knees, side pocket, deportment pocket, external pockets handed nails in CORDURA®, pockets for knee-guards in CORDURA® with adjustable position, adjustable waist, zip YKK®

COMPOSITION: TD000 - 60% cotton - 40% polyester.

WEIGHT: 245 g/m<sup>2</sup>

AREA OF USE: housebuilding, industry, logistics.

UNDETACTABLE BY METAL DETECTORS

Minimum package: 1 piece..





**JACKET - STONE**

**DESCRIPTION:**

Large inside pockets, large pockets on the breast and on the fund, insert penholder, ear passer-by, cut sleeve ergonomic, pocket brings cellular with And-dear, zip YKK®.

**COMPOSITION:**

TD000 - 60% cotton - 40% polyester.

**WEIGHT:** 245 g/m²

**AREA OF USE:**

housebuilding, industry, logistics.  
UNDETECTABLE BY METAL DETECTORS  
Minimum package: 1 piece.

**EN ISO**  
**13688:2013**



Sz.	CODES					
	Mud-Black	Black-Black	Anthrac. - Black	Grey-Black	Navy - Black	Rope-Black
44	4766	4777	4788	4799	4810	4821
46	4767	4778	4789	4800	4811	4822
48	4768	4779	4790	4801	4812	4823
50	4769	4780	4791	4802	4813	4824
52	4770	4781	4792	4803	4814	4825
54	4771	4782	4793	4804	4815	4826
56	4772	4783	4794	4805	4816	4827
58	4773	4784	4795	4806	4817	4828
60	4774	4785	4796	4807	4818	4829
62	4775	4786	4797	4808	4819	4830
64	4776	4787	4798	4809	4820	4831
€	€ 87,74	€ 85,45	€ 85,45	€ 85,45	€ 85,45	€ 85,45

**TROUSERS - DRILL**

**DESCRIPTION:**

large anterior pockets, double back pocke, one with flap, insert penholder, passing hammer equipped, ergonomic cut of legs and knees, side pocket, pocket hands coins, tape-measure pocket, adjustable waist, zip YKK®.

**COMPOSIZIONE:**

TD000 - 60% cotton - 40% polyester.

**GRAMMATURA:** 245 g/m²

**AREA D'USO:** housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

**EN ISO**  
**13688:2013**



Sz.	CODES					
	Mud-Black	Black-Black	Anthrac. - Black	Grey-Black	Navy - Black	Rope-Black
44	4832	4843	10044	4854	10033	4865
46	4833	4844	10045	4855	10034	4866
48	4834	4845	10046	4856	10035	4867
50	4835	4846	10047	4857	10036	4868
52	4836	4847	10048	4858	10037	4869
54	4837	4848	10049	4859	10038	4870
56	4838	4849	10050	4860	10039	4871
58	4839	4850	10051	4861	10040	4872
60	4840	4851	10052	4862	10041	4873
62	4841	4852	10053	4863	10042	4874
64	4842	4853	10054	4864	10043	4875
€	€ 59,10	€ 56,81	€ 56,81	€ 56,81	€ 56,81	€ 56,81

# DESCRIPTION:

Large anterior pockets, adjustable suspenders with jerky closing, double back pocket, one with flap, elastic in waist, insert penholder, ergonomic cut of legs and knees, side pocket with inserts handed utensils, pocket brings cellular with And-dear, pocket brings coins, pocket on the bib closed with zip, zip YKK®

**COMPOSITION:** TD000 - 60% cotton - 40% polyester.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

EN ISO  
13688:2013

## BIB-STEEL



Sz.	CODES					
	Mud-Black	Black-Black	Anthrac.-Black	Grey-Black	Navy-Black	Rope-Black
44	4876	4887	4898	4909	4920	4931
46	4877	4888	4899	4910	4921	4932
48	4878	4889	4900	4911	4922	4933
50	4879	4890	4901	4912	4923	4934
52	4880	4891	4902	4913	4924	4935
54	4881	4892	4903	4914	4925	4936
56	4882	4893	4904	4915	4926	4937
58	4883	4894	4905	4916	4927	4938
60	4884	4895	4906	4917	4928	4939
62	4885	4896	4907	4918	4929	4940
64	4886	4897	4908	4919	4930	4941

## VEST - EXPERT

# DESCRIPTION:

1 back pocket, 2 large anterior pockets, one with zip, 2 pockets on the breast, 3 pockets with zip, 4 small pockets, badge-holders, unwraps side, zip YKK®

**COMPOSITION:** TD000 - 60% cotone - 40% poliestere.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:**

housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

EN ISO  
13688:2013



Sz.	CODES				
	Mud-Black	Black-Black	Anthrac.-Black	Navy-Nero	Rope-Black
44	4942	10155	4390	4379	4368
46	4943	10156	4391	4380	4369
48	4944	10157	4392	4381	4370
50	4945	10158	4393	4382	4371
52	4946	10159	4394	4383	4372
54	4947	10160	4395	4384	4373
56	4948	10161	4396	4385	4374
58	4949	10162	4397	4386	4375
60	4950	10163	4398	4387	4376
62	4951	10164	4399	4388	4377
64	4952	10165	4400	4389	4378
€	€ 76,13	€ 74,79	€ 74,79	€ 74,79	€ 74,79

**COVERALL - HANGAR**



**DESCRIPTION:** passing hammers-equipped, large anterior pockets and on the breast, double back pocket, one with flap, elastic in waist and adjustable belt, refracting inserts 3M. Scotchlite. Reflective Material - 8910 Silver Fabric, insert penholder, adjustable cuff, ergonomic cut of sleeves and legs, side pocket with inserts handed utensils, pocket brings cellular with And-dear, tape-measure pocket, patches of reinforcement on elbows and knees, zip YKK®

**EN ISO  
13688:2013**

**COMPOSITION:**

TD000 - 60% cotton - 40% polyester.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

Sz.	CODES				
	Grey-Black	Black-Black	Anthrac.-Black	Navy-Black	Rope-Black
44	4953	4964	4975	4986	5054
46	4954	4965	4976	4987	5055
48	4955	4966	4977	4988	5056
50	4956	4967	4978	4989	5057
52	4957	4968	4979	4990	5058
54	4958	4969	4980	4991	5059
56	4959	4970	4981	4992	5060
58	4960	4971	4982	4993	5061
60	4961	4972	4983	4994	5062
62	4962	4973	4984	4995	5063
64	4963	4974	4985	4996	5064
€	€ 126,38	€ 126,38	€ 126,38	€ 126,38	€ 126,38

**DESCRIPTION:**

11 pockets in total, 4 strong passers-by for belt, large back pockets, two pockets on the breast, one with zip, refracting inserts 3M. Scotchlite.

Reflective Material - 8910 Silver Fabric, insert penholder, pocket brings cellular with And-dear, zip YKK®

**COMPOSITION:** TD000 - 60% cotton - 40% polyester.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

Sz.	CODES		
	Grey-Black	Navy-Black	Rope-Black
44	5065	5076	5087
46	5066	5077	5088
48	5067	5078	5089
50	5068	5079	5090
52	5069	5080	5091
54	5070	5081	5092
56	5071	5082	5093
58	5072	5083	5094
60	5073	5084	5095
62	5074	5085	5096
64	5075	5086	5097
€	€ 77,27	€ 77,27	€ 77,27

**EN ISO  
13688:2013**

**VEST - TOOL**





#### DESCRIPTION:

2 large anterior pockets with snap, 2 pockets on the breast with velcro, central opening with zip, insert penholder, width waist and cuff adjustable, lengthened back part closed with zip, zip YKK®

**COMPOSITION:** TD002 - 65% polyester - 35% cotton.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** housebuilding, industry, logistics.

UNDETACTABLE BY METAL DETECTORS

Minimum package: 1 piece.

#### MAXIMUM RESISTANCE TO WASH

Sz.	CODES			
	Navy	Green	Anthracite	Black
S	5098	5105	5112	5119
M	5099	5106	5113	5120
L	5100	5107	5114	5121
XL	5101	5108	5115	5122
XXL	5102	5109	5116	5123
3XL	5103	5110	5117	5124
4XL	5104	5111	5118	5125
€	€ 56,59	€ 56,59	€ 56,59	€ 56,59

EN ISO  
13688:2013

Anthracite



#### JACKET - MARRAKECH

Black



Green



Navy



#### MARRAKECH JACKET - WOMAN

#### DESCRIPTION:

2 ampie tasche anteriori con snap, 2 tasche sul petto con velcro, apertura centrale con zip, inserto portapenne, larghezza vita e polsino regolabili, parte posteriore allungata chiusa con zip, zip YKK®

#### COMPOSITION:

TD002 - 65% polyester - 35% cotton.

**WEIGHT:** 245 g/m<sup>2</sup>

#### AREA OF USE:

housebuilding, industry, logistics.  
UNDETACTABLE BY METAL DETECTORS  
Minimum package: 1 piece.

#### MAXIMUM RESISTANCE TO WASH



EN ISO  
13688:2013

Sz.	CODES
	Navy
S	5126
M	5127
L	5128
XL	5129
XXL	5130
€	€ 56,59



## TROUSERS- RABAT



**DESCRIPTION:**  
1 back pocket with velcro, large anterior pockets, elastic in life, passing hammer-equipped, side pocket, tape-measure pocket, pockets for knee-guard with adjustable position

**COMPOSITION:**  
TD000 - 65% cotton - 35% polyester.

EN ISO  
13688:2013

**WEIGHT:**  
245 g/m<sup>2</sup>

**AREA OF USE:**  
housebuilding, industry, logistics.  
UNDETECTABLE BY METAL DETECTORS  
Minimum package: 1 piece.

### MAXIMUM RESISTANCE TO WASH

Sz.	CODES			
	Navy	Green	Anthracite	Black
S	9985	5131	9992	5138
M	9986	5132	9993	5139
L	9987	5133	9994	5140
XL	9988	5134	9995	5141
XXL	9989	5135	9996	5142
3XL	9990	5136	9997	5143
4XL	9991	5137	9998	5144
€	€ 47,31	€	€ 47,31	€ 47,31

### DESCRIPTION:

1 back pocket with velcro, large anterior pockets, elastic in waist, passing hammer-equipped, side pocket, tape-measure pocket, pockets for knee-guard with adjustable position

**COMPOSITION:** TD000 - 65% cotton - 35% polyester.

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:**housebuilding, industry, logistics.  
UNDETECTABLE BY METAL DETECTORS  
Minimum package: 1 piece.

### MAXIMUM RESISTANCE TO WASH

Sz.	CODES
	Navy
S	5145
M	5146
L	5147
XL	5148
XXL	5149
€	€ 47,31

EN ISO  
13688:2013

## RABAT - WOMAN



#### DESCRIPTION:

width adjustable waist, passing hammer-equipped, tape-measure pocket, back pocket, pockets for knee-guard with adjustable position, 1 pocket on the breast with velcro, 2 large anterior pockets.

#### COMPOSITION:

TD002 - 65% polyester - 35% cotton

**WEIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

EN ISO  
13688:2013

#### BIB - MOMBASA



Anthracite

Green

Black

Navy

#### MAXIMUM RESISTANCE TO WASH

Sz.	CODES			
	Navy	Green	Anthracite	Black
S	5150	10778	5157	5164
M	5151	10779	5158	5165
L	5152	10780	5159	5166
XL	5153	10781	5160	5167
XXL	5154	10782	5161	5168
3XL	5155	10783	5162	5169
4XL	5156	10784	5163	5170
€	€ 61,46	€ 61,46	€ 61,46	€ 61,46

#### COVERALL - LAGOS



Navy

Anthracite

Black

Green

#### DESCRIPTION:

2 pockets on the breast with velcro, anterior pockets, central opening with zip, elastic in waist, insert penholder, passing hammer-equipped, adjustable cuff, pocket tape-measure, back pocket with velcro, pockets for knee-guard with adjustable position

#### COMPOSITION:

TD002 - 65% polyester - 35% cotton.

**WEIGHT:** 245 g/m<sup>2</sup>

#### AREA OF USE:

housebuilding, industry, logistics.

UNDETECTABLE BY METAL DETECTORS

Minimum package: 1 piece.

EN ISO  
13688:2013

#### MAXIMUM RESISTANCE TO WASH

Sz.	CODES			
	Navy	Green	Anthracite	Nero
S	5171	5178	5185	5192
M	5172	5179	5186	5193
L	5173	5180	5187	5194
XL	5174	5181	5188	5195
XXL	5175	5182	5189	5196
3XL	5176	5183	5190	5197
4XL	5177	5184	5191	5198
€	€ 75,13	€ 75,13	€ 75,13	€ 75,13

### NAIROBI- WAISTCOAT

Navy



Antracite



Black



Green

**DESCRIPTION:**  
2 wide front pocket with velcro, 4 small pockets, side vent, badge holder pocket

**COMPOSITION:**  
TD002 - 65% cotton - 35% polyester.

**EN ISO**  
**13688:2013**

**WEIGHT:**  
245 g/m<sup>2</sup>

**AREA OF USE:**  
building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

#### MAXIMUM SEAL WHASHING

SIZE	CODES			
	Navy	Green	Antracite	BLACK
S	10026	5199	5206	5213
M	10027	5200	5207	5214
L	10028	5201	5208	5215
XL	10029	5202	5209	5216
XXL	10030	5203	5210	5217
3XL	10031	5204	5211	5218
4XL	10032	5205	5212	5219
€	€ 42,22	€ 42,22	€ 42,22	€ 42,22

#### DESCRIPTION:

Wide front pockets, elastic waistband, passing hammer holder, side pocket, ruler pocket, posterior pocket with velcro.

**COMPOSITION:** TD002 - 65% cotton - 35% polyester.

**WIGHT:** 245 g/m<sup>2</sup>

**AREA OF USE:** building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

#### MAXIMUM SEAL WHASHING

SIZE	CODES			
	Navy	Antracite	Green	Black
S	4354	4361	9374	5220
M	4355	4362	9375	5221
L	4356	4363	9376	5222
XL	4357	4364	9377	5223
XXL	4358	4365	9378	5224
3XL	4359	4366	9379	5225
4XL	4360	4367	9380	5226
€	€ 37,07	€ 37,07	€ 37,07	€ 37,07



Navy

Black



Green



Antracite



### BISSAU SHORTS

**EN ISO**  
**13688:2013**

### PORT LOUIS JACKET

**DESCRIPTION:** 2 chest pockets, jacket with buttons

EN ISO  
13688:2013

**COMPOSITION:** TD214 - 100% cotton

**WEIGHT:** 270 g/m<sup>2</sup>

**AREA OF USE:** industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.



SIZE	CODES	
	Navy	
44	5227	
46	5228	
48	5229	
50	5230	
52	5231	
54	5232	
56	5233	
58	5234	
60	5235	
62	5236	
64	5237	
€	€ 35,48	

### NAMIBIA SHIRT

**DESCRIPTION:** 1 chest pocket, 2 front pockets, close shirt with buttons

**COMPOSITION:** TD214 - 100% cotton

**WEIGHT:** 270 g/m<sup>2</sup>

**AREA OF USE:** industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

EN ISO  
13688:2013



CODES		SIZE
Navy		
5238		44
5239		46
5240		48
5241		50
5242		52
5243		54
5244		56
5245		58
5246		60
5247		62
5248		64
€ 39,43	€	

### BOTSWANA JACKET

**DESCRIPTION:**

1 chest pocket, 2 front pocket, jacket with buttons



### ERITREA TROUSERS

**DESCRIPTION:**

Wide front pockets, trouser with central covering close with buttons, ruler pocket, posterior pocket close



### BANGUI SPORTS BIB

**DESCRIPTION:**

1 Chest pocket close with flap and buttons, wide front pockets, adjustable braces with elastic, ruler pocket, posterior pocket close with button



**COMPOSITION:** TD214 - 100% Cotton **WEIGHT:** 270 g/m<sup>2</sup> **AREA OF USE:** industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR Minimum package: 1 piece.

SIZE	CODES		
	Botswana Navy	Eritrea Navy	Bangui Navy
44	5249	5260	5271
46	5250	5261	5272
48	5251	5262	5273
50	5252	5263	5274
52	5253	5264	5275
54	5254	5265	5276
€	€ 35,95	€ 33,64	€ 40,58

EN ISO  
13688:2013

CODES			Tg.
Botswana Navy	Eritrea Navy	Bangui Navy	
5255	5266	5277	56
5256	5267	5278	58
5257	5268	5279	60
5258	5269	5280	62
5259	5270	5281	64
-	-	-	-
€ 35,95	€ 33,64	€ 40,58	€

ABRASION  
RESISTANCE

RIP  
RESISTANCE



## BARCELONA- JEANS



### DESCRIPTION:

1 tool pocket on left leg, 2 pockets on the front, 2 pockets on the back, hammer ring, good resistance to washing, good resistance to abrasion, ergonomic cut, ruler pocket, stretch fabric, triple seam on areas subject to wear, adjustable waist, YKK zip®

From the new generation of workwear jeans is born the stretch cotton fabric mixed with THERMOLITE yarns, which increases the thermal insulation of the trousers without resorting to heavy fabrics, speeds up the drying of the fabric in case of light rains, improves freedom of movement thanks to the elastomer and to the reduced weight.

SIZE	CODES
	Blue
44	7153
46	7154
48	7155
50	7156
52	7157
54	7158
56	7159
58	7160
60	7161
62	7162
64	7163
€	€ 81,82

### COMPOSITION:

70% cotton  
27% polyester  
3% elasthan

### WEIGHT:

330 g/m<sup>2</sup>

### AREA OF USE:

building, logistics

NOT DETECTABLE FROM  
METAL DETECTOR  
Minimum package: 1 piece.



### DESCRIPTION:

1 side pocket for tools, 2 front pockets, 2 back pockets, hammer ring, excellent breathability, ruler pocket, stretch fabric, triple seam on areas subject to wear, adjustable waist, YKK zip®

### COMPOSITION:

T019  
78% cotton  
21% polyester  
1% elasthan

### WEIGHT:

290 g/m<sup>2</sup>

### AREA OF USE:

building, logistics

NOT DETECTABLE FROM  
METAL DETECTOR

Minimum package: 1 piece

SIZE	CODES
	Blue
44	5282
46	5283
48	5284
50	5285
52	5286
54	5287
56	5288
58	5289
60	5290
62	5291
64	5292
€	€ 97,73

Working jeans achieve excellent performance thanks to the combination of the best cotton denim fabric with technical yarns that improve the performance of workers. The brand new stretch denim fabric mixed with COOLMAX yarns is now able to leave the user dry even when the high temperature forces him to sweat more.

## PAMPLONA JEANS



# **PROTECTION FROM COLD** **AND BAD WEATHER-** **EXCELLENT SERVICE**

**RIP RESISTANCE**

**ABRASION RESISTANCE**

**COLOURS WHASHING RESISTANCE**

**ERGONOMICS**



Garments with maximum functionality, that satisfy the needs of equipment of those who work in cold and weather-prone environments. Excellent comfort: The construction is designed to facilitate movements, padding have limited thicknesses that do not lose efficiency in thermal performance.

In many cases the garments are equipped with Reflective Material that can give visibility in low light conditions and conform to the European standards of protection from cold environments (en: 342:2004) and/or from the weather (UNI EN 343:2008)

**ICESTORM PARK**

**EN ISO**  
**13688:2013**

11 external pockets in total, 3 internal pockets of which one with zip, adjustable and detachable hood, ergonomic sleeves construction, thermo-taped seams, 3M™ Scotchlite™ reflective inserts  
Reflective Material - 8910 Silver Fabric, ear loop, adjustable cuff, mobile phone pocket with E-CARE, elbow patches in CORDURA®, adjustable waistband with belt, YKK® zip

**EXTERNAL ARTICLE OF CLOTHING DESCRIPTION:**

**EXTERNAL ARTICLE OF CLOTHING COMPOSITION:**

TD050 - 100% polyurethane coated polyester, LINING : 100% nylon

**WEIGHT:**

200 g/m²

**AREA OF USE:**

airports, agriculture, against the wind, against the rain,  
construction, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR



Antracite  
- Black

Cord  
- Black

Black  
- Black



Navy  
- Black



Fango  
- Nero

Grey  
- Black

Minimum package: 1 piece

size	CODICI					
	Black-Black	Mud-Black	Antrac.-Black	Navy-Black	Grey-Black	Cord-Black
44	7915	6593	6604	6582	6571	6132
46	7916	6594	6605	6583	6572	6561
48	7917	6595	6606	6584	6573	6562
50	7918	6596	6607	6585	6574	6563
52	7919	6597	6608	6586	6575	6564
54	7920	6598	6609	6587	6576	6565
56	7921	6599	6610	6588	6577	6566
58	7922	6600	6611	6589	6578	6567
60	7923	6601	6612	6590	6579	6568
62	7924	6602	6613	6591	6580	6569
64	7925	6603	6614	6592	6581	6570
€	€ 258,20	€ 258,20	€ 258,20	€ 258,20	€ 258,20	€ 258,20

**INTERNAL ARTICLE OF CLOTH DESCRIPTION:**

1 chest pocket with zip, 2 front pockets, reflective inserts 3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric, detachable sleeves with zip, inner zip bottom, YKK® zip

**INTERNAL ARTICLE OF CLOTHING COMPOSITION:**

TD050 - 100% polyurethane coated polyester, FODERA: 100% nylon

**WEIGHT:**

70 g/m²

**RIP RESISTANCE**

**COLOURS WASHING RESISTANCE**

**ABRASION RESISTANCE**

**ERGONOMICS**



#### DESCRIPTION:

large front pockets, adjustable hood, inner lining with fleece shoulder, longer back hem, reflective inserts 3M™ Scotchlite™ Reflective Material - 8910 Silver Fabric, ear loop, side vents, inside zip pocket, chest pocket with waterproof zip, cell phone pocket with E-CARE, fleece-lined pockets with fleece, rear pocket, inner zip bottom, YKK® zip

**COMPOSITION:** 100% polyurethane coated polyester, FODERA: 100% nylon, UNPHOLSTERED: 100% polyester, TD050

**WEIGHT:** 200 g/m²

**AREA OF USE:** airports, agriculture, building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece..

#### POLAR- UNPHOLSTERED VEST



Antracite - Black

EN ISO  
13688:2013



Nero - Nero

Navy - Black

Mud - Black

Grigio - Nero

Cord - Black

SIZE	CODES					
	Black - Black	Mud - Black	Antrac. - Black	Navy - Black	Grey - Black	Cord - Black
44	7056	6713	7045	6702	6691	6680
46	7057	6714	7046	6703	6692	6681
48	7058	6715	7047	6704	6693	6682
50	7059	6716	7048	6705	6694	6683
52	7060	6717	7049	6706	6695	6684
54	7061	6718	7050	6707	6696	6685
56	7062	6719	7051	6708	6697	6686
58	7063	6720	7052	6709	6698	6687
60	7064	6721	7053	6710	6699	6688
62	7065	6722	7054	6711	6700	6689
64	7066	6723	7055	6712	6701	6690
€	€ 99,10	€ 99,10	€ 99,10	€ 99,10	€ 99,10	€ 99,10

#### FROZEN UNPHOLSTERED TROUSERS

#### DESCRIPTION

wide posterior pocket with zipper, zip opening at the bottom and waterproof gaiters, double back pocket with flap, reinforced trouser bottoms, 3M™ Scotchlite™ reflective inserts Reflective Material - 8910 Silver Fabric, ergonomic cut of legs and knees, right side pocket, thermo-taping, reinforcement patches at the knees, adjustable waist, YKK® zip

**COMPOSITION:** 100% polyurethane coated polyester, LINING: 100% nylon, UNPHOLSTERED: 100% polyester, TD050

**WEIGHT:** 200 g/m²

**AREA OF USE :** airports, agricultur, against wind, against rain, building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

EN ISO  
13688:2013



Black - Black

Mud - Black

Grey - Black

Cord - Black

Antracite - Black

Navy - Black

SIZE	CODES				
	Black - Black	Mud - Black	Antrac. - Black	Grey - Black	Cord - Black
44	5293	5304	5315	5337	5348
46	5294	5305	5316	5338	5349
48	5295	5306	5317	5339	5350
50	5296	5307	5318	5340	5351
52	5297	5308	5319	5341	5352
54	5298	5309	5320	5342	5353
56	5299	5310	5321	5343	5354
58	5300	5311	5322	5344	5355
60	5301	5312	5323	5345	5356
62	5302	5313	5324	5346	5357
64	5303	5314	5325	5347	5358
€	€ 108,18	€ 108,18	€ 108,18	€ 108,18	€ 108,18



## CYCLONE UNPHOLSTERED JACKET

### DESCRIPTION:

2 large front pockets, 2 inside pockets, 4 chest pockets, adjustable retractable hood, double front placket, inner lining with fleece shoulder, 3M™ Scotchlite™ reflective inserts Reflective Material - 8910 Silver Fabric, adjustable cuff, thermo-taping, patch reinforcement on the elbows, internal zip on the bottom, YKK® zip®

### COMPOSITION:

100% polyurithane coated polyester, LINING: 100% nylon, IMBOTTITURA: 100% polyester, TD050

### WEIGHT:

200 g/m²

### AREA OF USE:

airports, agriculur, against wind, against rain, building, industry, logistics, cold palce

NOT DETACTABLE FROM METAL DETECTOR

Minimu package: 1 piece.

**EN ISO  
13688:2013**

Tg.	CODICI					
	Nero - Nero	Fango - Nero	Antrac. - Nero	Navy - Nero	Grigio - Nero	Corda - Nero
44	5359	5370	5381	5392	5403	5414
46	5360	5371	5382	5393	5404	5415
48	5361	5372	5383	5394	5405	5416
50	5362	5373	5384	5395	5406	5417
52	5363	5374	5385	5396	5407	5418
54	5364	5375	5386	5397	5408	5419
56	5365	5376	5387	5398	5409	5420
58	5366	5377	5388	5399	5410	5421
60	5367	5378	5389	5400	5411	5422
62	5368	5379	5390	5401	5412	5423
64	5369	5380	5391	5402	5413	5424
€	€ 151,36	€ 151,36	€ 151,36	€ 151,36	€ 151,36	€ 151,36

## PERFECT THERMIC ISOLATION

Anti-cold clothing guarantee a perfect thermic isolation, responding extensively at strict requests of EN 342:2004 and let a comfortable work activity even at extremly freezing temperature.

RIP RESISTANCE

COLOUR WASHING RESISTANCE

ABRASION RESISTANCE

ERGONOMICS



Antracite - Black

Mud - Black

Cord - Black

Grey - Black

Navy - Black

Black - Black

# DESCRIPTION:

2 inside pockets, one with zip, large front pockets, concealed hood, ergonomic sleeves construction, double chest pocket, one with zip, inner lining with fleece shoulder, tool inserts, reflective 3M™ Scotchlite™ Reflective inserts Material - 8910 Silver Fabric, eyelets for ventilation under the armpits, earphone loop, cell phone pocket with E-CARE, thermo-taping, internal zip bottom, YKK® zip

**COMPOSITION:** 1 00% polyurethane coated polyester,  
**LINING:** 100% nylon, **PADDING:** 100% polyester, TD050

**WEIGHT:** 200 g/m²

**AREA OF USE:** airports, agriculture, against the wind,  
against rain, construction, industry, logistics,  
for cold environments

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

## ICEBERG- UNPHOLSTERED JACKET



Antracite  
- Black

EN ISO  
13688:2013

Minimum package.



Grey  
- Black

Cord  
- Black

Mud  
- Black

Navy  
- Black

Black  
- Black

SIZE	CODES					
	Black Black	Mud- Black	Antrac. - Black	Navy - Black	Grey- Black	Cord - Black
44	6669	6647	6658	6636	6625	6128
46	6670	6648	6659	6637	6626	6615
48	6671	6649	6660	6638	6627	6616
50	6672	6650	6661	6639	6628	6617
52	6673	6651	6662	6640	6629	6618
54	6674	6652	6663	6641	6630	6619
56	6675	6653	6664	6642	6631	6620
58	6676	6654	6665	6643	6632	6621
60	6677	6655	6666	6644	6633	6622
62	6678	6656	6667	6645	6634	6623
64	6679	6657	6668	6646	6635	6624
€	€ 149,10	€ 149,10	€ 149,10	€ 149,10	€ 149,10	€ 149,10

## PIUMINO - MONTREAL



Antracite

EN ISO  
13688:2013

Minimum package: 1 piece.

Black

Navy

Fango



# DESCRIPTION:

2 large front pockets with zip, 2 inside pockets,  
2 chest pockets with zip, adjustable hood and  
detachable, detachable sleeves with zip, inside pocket,  
inside pocket with zip, YKK® zip

**COMPOSITION:** 1 00% nylon mini dobby / coated  
polyurethane, **LINING:** 100% polyester,  
**PADDING:** 100% polyester 230 g / m²

**WEIGHT:** 145 g/m²

**AREA OF USE:** airports, agriculture, construction,  
industry, logistics, for cold environments

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODE			
	Black	Mud	Antracite	Navy
44	5425	5436	5447	5458
46	5426	5437	5448	5459
48	5427	5438	5449	5460
50	5428	5439	5450	5461
52	5429	5440	5451	5462
54	5430	5441	5452	5463
56	5431	5442	5453	5464
58	5432	5443	5454	5465
60	5433	5444	5455	5466
62	5434	5445	5456	5467
64	5435	5446	5457	5468
€	€ 127,27	€ 127,27	€ 127,27	€ 127,27

## GIUBBINO - MOTOR



Avion -  
Blu



Corda  
- Verde



Nero



Fango  
- Nero

**EN ISO  
13688:2013**

2 chest pockets with waterproof zips, 4 large front pockets with flap, front opening with waterproof zip, adjustable hood, thermo-taped seams, without padding, inside pocket with zip.

### DESCRIZIONE:

### COMPOSITION:

100% nylon spalmato poliuretano,  
FODERA: 100% nylon

### WEIGHT:

200 g/m<sup>2</sup>

### AREA OF USE:

airports, agriculture,  
against the wind,  
against the rain,  
construction, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

SIZE	CODES			
	Blck	Mud - Black	Cord - Green	Avion - Blue
44	5469	5480	5491	5502
46	5470	5481	5492	5503
48	5471	5482	5493	5504
50	5472	5483	5494	5505
52	5473	5484	5495	5506
54	5474	5485	5496	5507
56	5475	5486	5497	5508
58	5476	5487	5498	5509
60	5477	5488	5499	5510
62	5478	5489	5500	5511
64	5479	5490	5501	5512
€	€ 136,15	€ 136,15	€ 136,15	€ 136,15

## PERFECT THERMIC ISOLATION

The anti-cold clothing guarantees perfect thermal insulation, responding widely to the stringent requirements of EN 342: 2004 e allowing a comfortable working activity even at extremely cold temperatures.

### DESCRIPTION:

2 wide front pocket with snap, 2 chein pocket with snap, zip YKK®

### COMPOSITION:

100% nylon mini dobbby / polyurethane coated,

LINING: 100% nylon, padding: 100% polyester - 80 g / m<sup>2</sup>

WEIGHT: 120 g/m<sup>2</sup>

### AREA OF USE:

airports, agriculture, construction, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODES			
	Orange	Mud	Navy	Antracite
44	5513	5524	5535	5546
46	5514	5525	5536	5547
48	5515	5526	5537	5548
50	5516	5527	5538	5549
52	5517	5528	5539	5550
54	5518	5529	5540	5551
56	5519	5530	5541	5552
58	5520	5531	5542	5553
60	5521	5532	5543	5554
62	5522	5533	5544	5555
64	5523	5534	5545	5556
€	€ 71,60	€ 71,60	€ 71,60	€ 71,60



Orange



Mud



Navy



Antracite

**EN ISO  
13688:2013**

## PIUMINO - STIRLING



**DESCROPTION:**

elastic at the bottom, inside pocket, mobile phone pocket

**COMPOSITION**

TD213 EXTERNAL FABRIC: 65% polyester, 35% cotton - Filling: 100% polyester  
- 120 g / m<sup>2</sup> - Lining: 100% polyester

**WEIGHT:**

140 g/m<sup>2</sup>

**AREA OF USE:**

agriculture, construction, industry, logistics, for cold environments

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODES
	Navy
S	10501
M	10502
L	10503
XL	10504
XXL	10505
3XL	10506
€	€ 41,52

EN ISO  
13688:2013



**ALDAN- UNPHOLSTERED VEST**

**ENISEJ-UNPHOLSTERED VEST**

**DESCRIPTION:**

1 chest pocket with zip, detachable zip sleeves, stretch cuffs, inside pocket, mobile phone pock

**COMPOSITION:**

TD213 EXTERNAL FABRIC: 65% polyester, 35% cotton - Filling: 100% polyester -  
120 g / m<sup>2</sup> - Lining: 100% polyester

**WEIGHT:**

140 g/m<sup>2</sup>

**AREA OF USE:**

airports, agriculture, construction, industry, logistics, for cold environments  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.



EN ISO  
13688:2013



SIZE	CODES
	Navy
S	10487
M	10488
L	10489
XL	10490
XXL	10491
3XL	10492
€	€ 62,63



# WATERPROOF AGAINST RAIN

RIP RESISTANCE

ABRASION RESISTANCE

COLOURE WASHING RESISTANCE

ERGONOMICS

BREATHABILITY

Protective clothing against rain, made of elastic and tearproof fabric with polyurethane waterproofing.

The seams are heat sealed and sealed to guarantee maximum strength and resistance to water penetration.

Complies with EN 343: 2003 + A1: 2007 can be easily worn on other work clothing.



**DESCRIPTION:**

2 large front pockets, adjustable retractable hood, fully heat-sealed, adjustable cuff, bottom adjustment via drawstring, rear ventilation system, stretch and windproof fabric, YKK® zip

**COMPOSITION:**

100% polyurethane coated polyester

**WEIGHT:**

170 g/m²

**AREA OF USE:**

airports, agriculture, high visibility,  
against wind, against rain,  
road works, logistics, railway sector  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

SIZE	CODES	
	Yellow	Orange
S	5557	5563
M	5558	5564
L	5559	5565
XL	5560	5566
XXL	5561	5567
3XL	5562	5568
€	€ 102,28	€ 109,10

**EN 340:2003**

**EN 343:2003  
+A1:2007**

**EN ISO  
20471:2013**



**MICENE- COVER TROUSERS**



With the same size, the wearability of the trouser covers is wider than that of the trousers as the head it must be worn over the trousers.

**DESCRIZIONE:**  
fully heat-sealed, adjustable bottom, waist adjustment by drawstring, stretch and windproof fabric

**COMPOSITION:**

100% polyurethane coated polyester

**WEIGHT:**

170 g/m²

**AREA OF USE:**

airports, agriculture, high visibility,  
against wind, against rain,  
road works, logistics, railway sector  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

**EN 340:2003**

**EN 343:2003  
+A1:2007**

**EN ISO  
20471:2013**

SIZE	CODES	
	Yellow	Orange
S	5569	5575
M	5570	5576
L	5571	5577
XL	5572	5578
XXL	5573	5579
3XL	5574	5580
€	€ 59,10	€ 60,22

### RAINSWEPT- COAT



**DESCRIPTION:**  
1 chest pocket, 2 large front pockets, adjustable retractable hood, fully heat-sealed, adjustable cuff, rear ventilation system, stretch and windproof fabric, YKK® zip

**COMPOSITION:**  
100% polyurethane coated polyester

**WEIGHT:**  
170 g/m<sup>2</sup>

**AREA OF USE:**  
agriculture, against wind, against rain, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

**EN 343:2003  
+A1:2007**

**EN ISO  
13688:2013**

SIZE	CODES		
	Yellow	Green	Navy
S	5581	5587	5593
M	5582	5588	5594
L	5583	5589	5595
XL	5584	5590	5596
XXL	5585	5591	5597
3XL	5586	5592	5598
€	€ 79,54	€ 79,54	€ 79,54

### DESCRIPTION:

**TROUSERS COVERS:** completely thermo-welded, stretch fabric and windproof, regulation of life through drawstring, adjustable bottom.

**JACKET:** completely heat-sealed, stretch and windproof fabric, large front pockets with flaps, retractable hood, regulation waist by drawstring, adjustable cuffs

**COMPOSITION:**  
100% polyurethane coated polyester

**WEIGHT:** 170 g/m<sup>2</sup>

**AREA OF USE:**  
agriculture, against wind, against rain, logistics  
NOT DETECTABLE FROM METAL DETECTORS  
Minimum package: 1 piece

**EN 343:2003  
+A1:2007**

**EN ISO  
13688:2013**

### RAINFALL- JACKET + COVER TROUSERS



With the same size, the wearability of the trouser covers is wider than that of the trousers as the the head should be worn over the trousers.

SIZE	CODES		
	Yellow	Green	Navy
S	4415	4408	4401
M	4416	4409	4402
L	4417	4410	4403
XL	4418	4411	4404
XXL	4419	4412	4405
3XL	4420	4413	4406
4XL	4421	4414	4407
€	€ 82,97	€ 82,97	€ 82,97



# HIGH VISIBILITY IN EVERY CLIMATE CONDITION

RIP RESISTANCE

ABRASION RESISTANCE

COLOUR WHASHING RESISTANCE

ERGONOMIS

BREAHABIILY



The article clothing of this line are all certified EN ISO 20471: 2013, a range of products for applications where it is mandatory to be clearly visible to protect against accidents caused by poor visibility.



**PROTECTION- PARKA**

Arancione



**EXTERNAL CLOTH DESCRIPTION:**  
4 large front pockets, bands and 3M™ Scotchlite™ reflex inserts  
Reflective Material - 8906 Silver Fabric, adjustable and detachable  
hood, double frontal placket, earphone loop, adjustable cuff, inside  
pocket with zip, mobile phone pocket with E-CARE, thermo-taping,  
reinforcement patch on elbows, adjustable waist with drawstring,

**INTERNAL CLOTH DESCRIPTION:**

3M™ Scotchlite™ reflective bands and inserts Reflective  
Material - 8906 Silver Fabric, detachable sleeves  
with zip, elasticated cuffs and collar, chest pocket  
and 2 bottom pockets with waterproof zips, YKK® zip

**EXTERNAL CLOTH COMPOSITION:**

EXTERNAL FABRIC: TD060 - 100% polyester  
coated polyurethane, LINING: 100% nylon

**INTERNAL CLOTH COMPOSITION:**

EXTERNAL FABRIC: TD061 - 100% polyurethane coated polyester,  
PADDING: 100% polyester 160g / m²,  
LINING: 100% nylon

**EXTERNAL CLOTH WEIGHT:**

200 g/m²

**INTERNAL CLOTH WEIGHT:**

150 g/m²

**AREA OF USE:**

airports, agriculture, high visibility,  
against the wind,  
against the rain, industry,  
road works, logistics,  
for cold environments, railway sector

EN 342:2004

EN 343:2003  
+A1:2007

EN ISO  
20471:2013

EN ISO  
13688:2013

Giallo



SIZE	CODES	
	Orange	Yellow
44	4597	9672
46	4598	9673
48	4599	9674
50	4600	9675
52	4601	9676
54	4602	9677
56	4603	9678
58	4604	9679
60	4605	9680
62	4606	9681
64	4607	9682
€	€ 286,37	€ 286,37

The anti-cold clothing ensures perfect thermal insulation, responding widely to the stringent requirements of EN 342: 2004 and allowing a comfortable working activity even at extremely cold temperatures. As shown in the table the outfits are certified to allow you to work a whole day (8 hours)  
up to -12 ° C if in a static position,  
or even at -36 ° C if moving.

#### DESCRIPTION:

large front pockets, bands and 3M™ Scotchlite™ reflex inserts  
Reflective Material - 8910 Silver Fabric, concealed adjustable  
hood, inner lining with fleece shoulder, longer back hem, pen  
insert, zip-up fleece sleeves, ear loop, splits side pockets, inside  
zip pocket, chest pocket with waterproof zip, cell phone pocket  
with E-CARE, YKK® zip

#### COMPOSITION:

TD060 - 100% polyurethane coated polyester,  
PADDING: 100% polyester, LINING: 100% nylon

#### WEIGHT:

200 g/m²

#### AREA OF USE:

airports, agriculture, high visibility, industry,  
logistics, railway sector

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

#### DETACHABLE SLEEVES

EN ISO  
20471:2013

#### SHOULDER LINING IN BATTE-

EN ISO  
13688:2013

SIZE	CODES	
	Orange	Yellow
44	4575	4564
46	4576	4565
48	4577	4566
50	4578	4567
52	4579	4568
54	4580	4569
56	4581	4570
58	4582	4571
60	4583	4572
62	4584	4573
64	4585	4574
€	€ 142,29	€ 142,29

#### SIGNAL- UPHOLSTERED JACKET



Yellow



Orange

#### - HIGH VISIBILITY -

Garments with maximum functionality, which meet the  
equipment needs of those working in cold and weatherproof  
environments, intended for applications where it is mandatory  
to be clearly visible to protect against accidents caused by poor  
visibility.

The garments are equipped with retro-reflective bands.

## RESCUE- UPHOLSTERED JACKET

### DESCRIPTION:

2 chest pockets with waterproof zips, 3M™ Scotchlite™ reflective bands and inserts Reflective Material - 8906 Silver Fabric, adjustable and detachable hood, double front placket, inner lining with fleece shoulder, ear loop, adjustable cuff, inside pocket, mobile phone pocket with E-CARE, thermo-taping, reinforcement patch on elbows, YKK® zip

### COMPOSITION

TD060 - 100% polyurethane coated polyester,  
PADDING: 100% polyester, LINING: 100% nylon

### WEIGHT:

200 g/m²

### AREA OF USE:

Agriculture, high visibility, against wind, against rain, industry, logistics raily sector.

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.



Orange

Yellow

EN 342:2004

EN 343:2003  
+A1:2007

EN ISO  
20471:2013

EN ISO  
13688:2013

SIZE	CODES	
	Orange	Yellow
44	4619	4608
46	4620	4609
48	4621	4610
50	4622	4611
52	4623	4612
54	4624	4613
56	4625	4614
58	4626	4615
60	4627	4616
62	4628	4617
64	4629	4618
€	€ 171,82	€ 171,82

### DESCRIPTION:

2 back pockets with flap, large front pockets with zip, zip opening on the bottom and waterproof gaiters, bands and 3M™ Scotchlite™ reflex inserts Reflective Material - 8910 Silver Fabric, ergonomic cut of legs and knees, side pocket with flap, thermo-taping, patches reinforcement at the knees, adjustable waist, YKK® zip

### COMPOSIZIONE:

TD060 - 100% poliestere spalmato poliuretano, IMBOTTITURA: 100% poliestere, FODERA: 100% nylon

### WEIGHT:

200 g/m²

NOT DETECTABLE FROM

Minimum package: 1 pieceo.

## PANTALONI IMBOTTITI - SAFE

SIZE	CODES	
	Orange	Yellow
44	5599	10507
46	5600	10508
48	5601	10509
50	5602	10510
52	5603	10511
54	5604	10512
56	5605	10513
58	5606	10514
60	5607	10515
62	5608	10516
64	5609	10517
€	€ 147,96	€ 147,96

EN 342:2004

EN 343:2003  
+A1:2007

EN ISO  
20471:2013

EN ISO  
13688:2013



Giallo

Orange



# DESCRIPTION:

3M™ Scotchlite™ Reflective Material wide front pockets, bands and inserts Reflective Material - 8910 Silver Fabric, double inside pocket, adjustable ear loop, cuff and waist width, ergonomic sleeve cut, cell phone pocket with E-CARE, chest pockets, YKK® zip

# COMPOSITION:

TD030 - 60% cotton - 40% polyester

# WEIGHT:

240 g/m²

**AREA OF USE:** airports, agriculture, high visibility, industry, road works

logistics, railway sector

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

## GIACCA - SIGHT

EN ISO  
20471:2013

EN ISO  
13688:2013

Yellow

Arancione

SIZE	CODE	
	Orange	Yellow
44	4433	4422
46	4434	4423
48	4435	4424
50	4436	4425
52	4437	4426
54	4438	4427
56	4439	4428
58	4440	4429
60	4441	4430
62	4442	4431
64	4443	4432
€	€ 108,18	€ 108,18

## RAY- TROUSERS

3M™ Scotchlite™ Reflective Material wide front pockets, bands and inserts Reflective Material - 8910 Silver Fabric, double back pocket, one with flap, hammer loop, ergonomic cut of legs and knees, side pocket, coin pocket, ruler pocket, adjustable waist, YKK® zip

# COMPOSITION:

TD030 - 60% cotton - 40% polyester

# WEIGHT:

240 g/m²

# AREA OF USE:

airports, agriculture, high visibility, industry, road works, logistics, railway sector

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.



Orange

Yellow

EN ISO  
20471:2013

EN ISO  
13688:2013

SIZE	CODES	
	Orange	Yellow
44	4469	4458
46	4470	4459
48	4471	4460
50	4472	4461
52	4473	4462
54	4474	4463
56	4475	4464
58	4476	4465
60	4477	4466
62	4478	4467
64	4479	4468
€	€ 89,78	€ 89,78



**ROUTE  
SWEATSHIRT**



Arancione

Yellow

**EN ISO  
20471:2013**

**EN ISO  
13688:2013**

**DESCRIPTION:**

elasticated bottom and cuffs,  
side pockets with zip closure, zip  
closure of the neck

**COMPOSITION:**

100% polyester

**WEIGHT:**

240 g/m<sup>2</sup>

**AREA OF USE:**

airports, high visibility, industry,  
road works, logistics,  
railway sector

NOT DETECTABLE

DAI METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODES	
	Orange	Yellow
S	5610	5617
M	5611	5618
L	5612	5619
XL	5613	5620
XXL	5614	5621
3XL	5615	5622
4XL	5616	5623
€	€ 81,82	€ 81,82

**DANGER  
SHIRT**



Orange

Yellow

**EN ISO  
20471:2013**

**EN ISO  
13688:2013**

**DESCRIPTION:**

side vents,  
breathable 3D fabric

**COMPOSITION:**

100% polyester 3D

**WEIGHT:**

150 g/m<sup>2</sup>

**AREA OF USE:**

airports, agriculture, high visibility,  
industry, road works, logistics,  
railway sector

NOT DETECTABLE

FROM METAL DETECTOR

SIZE	CODES	
	Orange	Yellow
S	5624	5631
M	5625	5632
L	5626	5633
XL	5627	5634
XXL	5628	5635
3XL	5629	5636
4XL	5630	5637
€	€ 39,78	€ 39,78

**CLEAR  
WAISTCOAT**



Orange

Yellow

**EN ISO  
20471:2013**

**EN ISO  
13688:2013**

**DESCRIPTION:**

completely edged, double  
horizontal reflex band and vertical  
left side pocket

**COMPOSITION:**

100% polyester

**WEIGHT:**

120 g/m<sup>2</sup>

**AREA OF USE:**

airports, agriculture, high visibility,  
industry, road works, logistics,  
railway sector

NOT DETECTABLE

FROM METAL DETECTOR

Minimum package: 1 piece.

Tg.	CODES	
	Orange	Yellow
S	4535	4528
M	4536	4529
L	4537	4530
XL	4538	4531
XXL	4539	4532
3XL	4540	4533
4XL	4541	4534
€	€ 22,05	€ 22,05

# TECHNICAL FABRICS AND BREATHABILITY

ERGONOMICS

BREATHABILITY

COLOUR WASHING RESISTANCE



A line of products designed to give comfort in any work situation thanks to the use of innovative technical fabrics that give great functionality.

Stretch and highly breathable fabrics allow complete freedom of movement, keeping the body dry thanks to its ability to rapidly absorb sweat.

For the winter season we offer warm and comfortable fleece, reinforced at the elbows and characterized by an innovative design.

### RIDER- FLEECE JACKET



Antracite  
- Black

Cord  
- Black

Grigio  
- Nero

Navy  
- Black

Black  
- Black



Mud  
- Black

#### DESCRIPTION:

Wide pocket with zip clousure at bottom badge ring, central opening with YKK® zip, reflex inserts, elasticated cuffs, waist adjustment by drawstring, chest pocket, patches anti-abrasion on sleeves

#### COMPOSITION:

100% polyester

#### WEIGHT:

280 g/m²

#### AREA OF USE:

building, industry, logistics  
 NOT DETECTABLE FROM METAL DETECTOR  
 Minimum package: 1 piece.

SIZE	CODES					
	Black - Black	Antrac- Black	Mud - Black	Grey - Black	Cord-- Black	Navy - Black
S	4317	4310	4303	4296	4282	4289
M	4318	4311	4304	4297	4283	4290
L	4319	4312	4305	4298	4284	4291
XL	4320	4313	4306	4299	4285	4292
XXL	4321	4314	4307	4300	4286	4293
3XL	4322	4315	4308	4301	4287	4294
4XL	4323	4316	4309	4302	4288	4295
€	€ 55,47	€ 55,47	€ 55,47	€ 55,47	€ 55,47	€ 55,47

#### DESCRIPTION:

large pockets on the bottom with zip closure, badge ring, central opening with YKK® zip, reflex inserts, elasticated cuffs, waist adjustment by drawstring, chest pocket, anti-abrasion patches on sleeves

#### COMPOSITION:

100% polyester

#### WEIGHT:

280 g/m²

#### AREA OF USE:

building, industry, logistics  
 NOT DETECTABLE FROM METAL DETECTOR  
 Minimum package: 1 piece.

SIZE	CODES	
	Navy - Black	
S	5638	
M	5639	
L	5640	
XL	5641	
XXL	5642	
€	€ 54,55	

### RIDER WOMAN- FLEECE JACKET



#### DESCRIPTION:

large pockets on the bottom with zip closure, central opening with YKK® zip, elasticated ribbed hem and cuffs, reflex inserts, chest pocket with YKK® zip, anti-abrasion patches on sleeves a

#### COMPOSITION:

100% polyester

#### WEIGHT:

280 g/m<sup>2</sup>

#### AREA OF USE:

building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

#### FAST- FLEECE SWEATHSHIRT



Antracite  
- Black

Corda  
- Nero

Grey  
- Black

Mud  
- Black

Black  
- Black



Navy  
- Black

SIZE	CODES					
	Black	Mud	Antracite	Cord	Navy	Grey
S	10718	6482	6489	6129	6468	6475
M	10719	6483	6490	6462	6469	6476
L	10720	6484	6491	6463	6470	6477
XL	10721	6485	6492	6464	6471	6478
XXL	10722	6486	6493	6465	6472	6479
3XL	10723	6487	6494	6466	6473	6480
4XL	10724	6488	6495	6467	6474	6481
€	€ 53,18	€ 53,18	€ 53,18	€ 53,18	€ 53,18	€ 53,18

#### AGADIR- SWEATSHIRT



Antracite

Navy

Mud

Black



Red

#### DESCRIPTION:

bottom and cuffs in elastic rib

#### COMPOSITION:

65% polyester - 35% cotton

#### WEIGHT:

280 g/m<sup>2</sup>

#### AREA OF USE:

building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODES				
	Black	Red	Navy	Mud	Antracite
S	4247	4254	4261	4268	4275
M	4248	4255	4262	4269	4276
L	4249	4256	4263	4270	4277
XL	4250	4257	4264	4271	4278
XXL	4251	4258	4265	4272	4279
3XL	4252	4259	4266	4273	4280
4XL	4253	4260	4267	4274	4281
€	€ 40,68	€ 40,68	€ 40,68	€ 40,68	€ 40,68



### ARSENAL- SWEATSHIRT



Black



Navy



Green



Antracite



Mud

**DESCRIPTION:**  
sweatshirt with zip at the neck, hem and cuffs in elastic rib

**COMPOSITION:**  
65% polyester - 35% cotton

**WEIGHT:**  
280 g/m<sup>2</sup>

**AREA OF USE:**  
building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

SIZE	CODES				
	Antracite	Navy	Black	Green	Mud
S	4342	4330	4324	4348	4336
M	4343	4331	4325	4349	4337
L	4344	4332	4326	4350	4338
XL	4345	4333	4327	4351	4339
XXL	4346	4334	4328	4352	4340
3XL	4347	4335	4329	4353	4341
€	€ 45,45	€ 45,45	€ 45,45	€ 45,45	€ 45,45

### DESCRIPTION:

hood, sweatshirt with bottom and cuff in elastic rib

### COMPOSITION:

65% polyester - 35% cotton

### WEIGHT:

280 g/m<sup>2</sup>

### AREA OF USE:

building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

SIZE	CODES			
	Antracite	Navy	Black	White
S	5643	5649	5655	5661
M	5644	5650	5656	5662
L	5645	5651	5657	5663
XL	5646	5652	5658	5664
XXL	5647	5653	5659	5665
3XL	5648	5654	5660	5666
€	€ 45,22	€ 45,22	€ 45,22	€ 45,22



Antracite



Black



White

### BEIRUT- SWEATSHIRT



Navy

#### DESCRIPTION:

long sleeve shirt, closure with plastic buttons in the same color of the fabric, collar with buttons stopper (button - down), bottom rounded, adjustable cuff with double button, chest pocket on the left side closed with plastic button

#### COMPOSITION:

100% cotton

#### WEIGHT:

130 g/m<sup>2</sup>

#### AREA OF USE:

building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.



#### WITSHIRE - SHIRT

Antracite

White

Navy

Royal

Nero

Light blue



SIZE	CODES					
	Royal	Nero	Antracite	White	Light blue	Navy
S	4232	4222	4217	4237	4212	4227
M	4233	4223	4218	4238	4213	4228
L	4234	4224	4219	4239	4214	4229
XL	4235	4225	4220	4240	4215	4230
XXL	4236	4226	4221	4241	4216	4231
€	€ 45,22	€ 45,22	€ 45,22	€ 45,22	€ 45,22	€ 45,22

#### CLASSIC- POLO SHIRT



Mud

Antracite

Light blue

Grey

Navy



Cord

#### DESCRIPTION:

fabric collar, elasticated cuffs, chest pocket

#### COMPOSITION:

100% cotton piquet

#### WEIGHT:

250 g/m<sup>2</sup>

#### AREA OF USE:

building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

SIZE	CODES					
	Mud	Antracite	Light blue	Grey	Cord	Navy
S	5667	5674	5688	5681	9888	5695
M	5668	5675	5689	5682	9889	5696
L	5669	5676	5690	5683	9890	5697
XL	5670	5677	5691	5684	9891	5698
XXL	5671	5678	5692	5685	9892	5699
3XL	5672	5679	5693	5686	9893	5700
4XL	5673	5680	5694	5687	9894	5701
€	€ 46,59	€ 46,59	€ 46,59	€ 46,59	€ 46,59	€ 46,59

## ORKNEY- SHIRT

### DESCRIPTION:

short sleeve shirt, closure with plastic buttons in the same color of the fabric, collar with buttons (button - down), rounded bottom, cuffed sleeve hem, chest pocket on the left side closed with plastic button

### COMPOSITION:

100% cotton

### WEIGHT:

130 g/m<sup>2</sup>

### AREA OF USE:

building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.



Stretch and highly breathable fabrics allow complete freedom of movement, keeping the body dry thanks to its rapid absorption capacity of sweat.

SIZE	CODES					
	Royal	Antracite	Black	White	Light blue	Navy
S	5702	5707	5712	5717	10211	10221
M	5703	5708	5713	5718	10212	10222
L	5704	5709	5714	5719	10213	10223
XL	5705	5710	5715	5720	10214	10224
XXL	5706	5711	5716	5721	10215	10225
€	€ 36,37	€ 36,37	€ 36,37	€ 36,37	€ 36,37	€ 36,37

### DESCRIPTION:

neck rib polo shirt

### COMPOSITION:

100% cotton piquet

### WEIGHT:

180 g/m<sup>2</sup>

### AREA OF USE:

building, industry, logistics  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.



Red

## GIZA- POLO SHIRT



SIZE	CODES						
	Red	Navy	Mud	Cord	Antracite	Black	Whit
S	4098	4104	4110	4092	4116	4122	4128
M	4099	4105	4111	4093	4117	4123	4129
L	4100	4106	4112	4094	4118	4124	4130
XL	4101	4107	4113	4095	4119	4125	4131
XXL	4102	4108	4114	4096	4120	4126	4132
3XL	4103	4109	4115	4097	4121	4127	4133
€	€ 27,27	€ 27,27	€ 27,27	€ 27,27	€ 27,27	€ 27,27	€ 27,27

ZANZIBAR- T-SHIRT



Yellow

Green

**DESCRIPTION:**

Cotton T- shirt solid colour

**COMPOSITION:**

100% cotton

**WEIGHT:**

140 g/m<sup>2</sup>

**AREA OF USE:**

building, industry, logistics

NOT DETECTABLE FROM METAL DETECTOR

Minimum package: 1 piece.

Orang

White

Grey

Mud



Royal

Red

Black

Navy



SIZE	CODES									
	Orange	Yellow	Grey	Navy	Mud	Black	Green	White	Red	Royal
S	4032	4056	4068	4044	4050	4062	4074	4086	4038	4080
M	4033	4057	4069	4045	4051	4063	4075	4087	4039	4081
L	4034	4058	4070	4046	4052	4064	4076	4088	4040	4082
XL	4035	4059	4071	4047	4053	4065	4077	4089	4041	4083
XXL	4036	4060	4072	4048	4054	4066	4078	4090	4042	4084
XXXL	4037	4061	4073	4049	5055	4067	4079	4091	4043	4085
€	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22	€ 15,22



# DISPOSABLE CLOTHING.

## EXCELLENT VERSATILITY

**ERGONOMICS**

**BREATHABILITY**

**RIP RESISTANCE**

**ABRASION RESISTANCE**

Disposable clothing with a range of protective suits against chemical risks classified as third-class PPE and a range of first-class suits suitable for industrial cleaning operations.

The coveralls are characterized by the ergonomics of the garments and the excellent wearability that facilitates the movements of the operator during his work.



**SAFE-SCREEN DISPOSABLE COVERALL**



**DESCRIPTION:**

3-piece hood with elastic around the opening, elasticated cuffs, ankles and waist, nylon zip with self-adhesive flap

**COMPOSITION:**

100% polypropylene - SMS

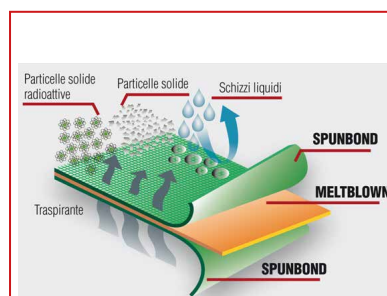
**WEIGHT:**

55 g/m<sup>2</sup>

**AREA OF USE:**

agriculture, ATEX environments,  
police forces, chemical industry,  
pharmaceutical industry, asbestos disposal,  
waste disposal, wastewater treatment  
NOT DETECTABLE FROM METAL DETECTOR  
Minimum package: 1 piece.

SIZE	CODES
	White
S	10737
M	10738
L	10739
XL	10740
XXL	10741
€	€ 9,55



The acronym SMS (SPUNBOND - MELTBLOWN - SPUNBOND) indicates the three layers of the fabric. The SPUNBOND gives a good resistance to breakage and improves softness while the MELTBLOWN has a very high density fiber of thin fibers that increases the filtering characteristic. The SMS fabric has high breathability performances that reduce the user's thermal stress.



- The garment offers protection from solid particles and splashes of chemicals (Type 5/6).
- EN 1073-2 approved for protection against radioactive dust.
- The design of the garment facilitates the movements of the operator.
- Zipper with self-adhesive protection flap for greater protection against contaminants.
- Elasticated hood, wrists, waist and ankles for better grip of the garment, an increased barrier effect towards the contaminant.

# TECHNICAL CLOTHING: AIB AND INDUSTRIAL FIRE ESCAPE

**ERGONOMICS**

**EXCELLEN VISIBILITY**

**RIP RESISTANCE**

**BREATHABILITY**

The disposable clothing collection includes a range of chemical protection suits that is characterized by excellent wearability and maximum ergonomics combined with good breathability and a high level of protection. The high quality of the fabrics used ensures the protection of the operator from a variety of contaminants present in industrial activities. The suits are characterized by the ergonomics of the garments and the excellent wearability that facilitates the operator's movements during his work.



### ARMID FIBER OUTFIT



Heat-resistant overalls for high temperatures, typical of the category of protection from heat and flame. Complete set here in the model without gas-holder, consisting of hood for face protection, full suit, boots and gloves, all in aluminized aramidic fiber, heat protection clothing for steel, glass and foundry.

The set includes:

- Hood with polycarbonate visor Art. 01KD, in aluminized aramidic fiber.
- Whole suit without bottle holder
- Gloves 5 fingers of 38 cm
- Calzari

UNI EN ISO 11612: 2009 A1 B1 C3 D2 E3  
Tested at 20 Kw (about 500 ° C)

CODES	PRICE
10102	€ 1.804,30

Minimum package: 1 pie.

UNI EN ISO  
11612:2009

### ALUMINIZED OUTFIT

Suit suitable for heat and flame protection, consisting of an aluminized aramid fibre cap internally lined with fire-retardant wool and carbon; Suitable for use with full face mask and dispensing groups, in vitro interchangeable gilded multi-layer visor; Suspenders under Scellar with adjustable snap button for correct positioning; Jacket + trousers in aramidic aluminized fabric lined internally in carbon fabric and flame retardant wool; Knob Gloves with aramidic aluminized fabric back and silicone aramid fibre palm, inner lining in carbon felt; Aluminized Aramid Fibre boots lined internally with fire-retardant wool. Suit ready to use with a self-breathing unit. Rear closure with zipper covered with patella.

UNI EN ISO 11612:2009 tested at 40 KW (approx. 1000 °c for over 120 sec.)

EN 1486:2007, protection devices for firefighters

CODE	PRICE
10101	€ 6.311,30

Minimum package: 1 piece.

UNI EN ISO  
11612:2009





### LEATHER STRAP

Tool-holder belt made of a single-layer non-coupled leather strip. Sturdy buckle in chromed metal. Buckle protection in grain leather. Two leather loops with carabiner and a leather loop with loop.

Belt length mm.

1200, height mm. 50,

thickness mm. 4.

The leather used is

been tested for

fire resistance

in accordance with EN 532/94.

Minimum package: 1 piece.

EN  
532/94



CODES	PRICE
6175	€ 87,75

### ARAMID BALACLAVA

Balaclava packaged with 100% aramid knit fabric 150 gr / mq. Model with elasticated front opening for use with goggles and anti-smoking respirators, stitching with aramid yarn.

UNI EN ISO  
11612:2009



The D.P.I. it is certified in compliance with the Directive 89/686 / EEC of 21.12.89 and the Legislative Decree 475/92 by the Notified Body EEC 0624 as a second category protection garment according to UNI EN ISO 11612: 2009 (A1 B1 C1).

Minimum package: 1 piece.

CODES	PRICE
6037	€ 22,27

### COTTON FIREPROOFED COVERALL

Coverall made with 100% cotton Proban fabric from 330 gr / sqm. One-piece suit; Shirt collar; Central closure with double-slider metal zipper; External Paramoning; Lap sleeves; Elastic wrists; Elastic back waistband; Seams with aramid yarn.



II The D.P.I. is certified in compliance with the Directive 89/686 / EEC of 21.12.89 and the Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protective garment according to UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04. Minimum package: 1 piece.

UNI EN ISO  
11612:2009

EN  
340/04

CODES	PRICE	SIZE
9295	€ 220,05	S (44-46)
9296	€ 220,05	M (48-50)
9297	€ 220,05	L (52-54)
9298	€ 220,05	XL (56-58)
9299	€ 220,05	XXL (60-62)
9300	€ 220,05	XXXL (64-66)

On request possibility to apply upper and lower reflective bands.

### ARAMIDE JACKET

Tris 1 jacket made of 100% cotton Proban FR fabric, 330 gr / mq., Lined with 55% modacrylic fabric 45% cotton 140 g / sqm. Long model up above the knee, raglan sleeves, central front closure with metal zipper plus zipper cover and snap buttons, two lower pockets (cut) with cover flaps and snap buttons, inside pocket with velcro closure. The D.P.I. is certified in accordance the Directive 89/686 / EEC of 21.12.89 and the Legislative Decree 475/92 by the Notified Body EEC 0624 as a category II protective garment according to UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340 / 04.



CODES	SIZE	PRICE
9301	S/M (46-52)	€ 290,92
9302	L/XL (54-58)	€ 290,92
9303	XXL/3XL (60-66)	€ 290,92

Minimu package: 1 piece.

### ARAMIDE JACKET

Jacket made with 100% aramid outer fabric of 260 gr / mq., Lined with 55% modacrylic fabric 45% cotton of 140 gr / mq. Long model above the knee, detachable hood with zipper and front adjustable velcro closure, raglan sleeves, central front closure with metal zipper plus zipper band and snap buttons, two small pockets on the chest with cover flaps and velcro closure, two lower pockets (cut) with cover flaps and snap fasteners, inside pocket with velcro closure.

EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04.



CODES	SIZE	PRICE
9292	S/M (46-52)	€ 675,00
9293	L/XL (54-58)	€ 675,00
9294	XXL/3XL (60-66)	€ 675,00

Minimum package: 1 piece..

### ARAMIDE COVERALL



Minimum package: 1 piece.

The D.P.I. is certified in compliance with the Directive 89/686 / EEC of 21.12.89 and the Decree Legislative 475/92 by the EEC Notified Body 0624 as a category II protective garment according to UNI EN ISO 11612: 2009 (A1 B1 C1 F1) and UNI EN 340/04.

Coverall in 100% aramid fabric from 185 gr / mq. Shirt collar; central closure with double-slider metal zipper. External Paramoning; Lap sleeves; Elastic at the wrists; Seams with aramid yarn

SIZE	CODES	PRICE	CODES	PRICE
S (44-46)	9286	€ 370,57	9633	€ 370,57
M (48-50)	9287	€ 370,57	9634	€ 370,57
L (52-54)	9288	€ 370,57	9635	€ 370,57
XL (56-58)	9289	€ 370,57	9636	€ 370,57
XXL (60-62)	9290	€ 370,57	9637	€ 370,57
XXXL (64-66)	9291	€ 370,57	9638	€ 370,57
COLOUR	ORANGE		RED	

On request it is possible to apply upper and lower reflective bands.

### SAFETY CATEGORY

F1	Base request type 1	F1	" Type 1 - External intervention, fight against forest fires. No protection against penetration, no tip protection, no protection against chemical risks"
F2	Base request type 2	F2	Type 2 - All fire and rescue interventions where protection against penetration and toe protection is required, no protection against chemical risks.
F3	Base request type 3	F3	Type 3 - all fire-fighting and rescue operations where protection against penetration and tip protection is necessary, including protection against chemical hazards (classification II footwear only).
P	Penetration resistance		
A	Antistatic property		
I	Isolation property		
CI	Insulation from the cold of the bottom of the shoe		
CH	Chemical agents resistance		
M	Footwear with metatarsal protection		

### REQUIREMENTS FOR HEAT INSULATION

Temperature measurement inside the shoes			Rating footwear degradation		
	Sand bath temperature	Time	Temperature inside the shoes	Time	Evaluation
HI1	150 °C	30'	<42 °C	30'	compliance with Annex B of EN15090
HI2	250 °C	10'		20'	
HI3				40'	

### AIB 29P ANKLE BOOT

Work boots for firefighters and associated activities (forest fire fighting).  
 Ankle model (model B) with padded collar.  
 Upper in full-grain leather Amphibious mm. 2.2-2.4.  
 Black colour.  
 Flower leather tongue mm. 1, reinforced and padded.  
 Flower leather mattress mm. 1.  
 Front and back lining in TNT.  
 Closure: 3 pairs of closed hooks, 1 pair of lace-ups, 2 pairs of open hooks.  
 Fireproof laces in aramid fiber.  
 Texton Enigma Zero HT2 insole.  
 TNT thermoformed resin toecap.  
 "IDEAL" processing with double stitching.  
 Internal insert tnt Ibisolex.  
 3 mm water repellent TNT midsole. + Micro 2 mm.  
 Internal insole in expanded material.  
 Antilorous, anti-slip, oil-proof nitrile rubber sole.  
 Protective levels: F1P A HI1CI SRC  
 Minimum package: 1 Pair

**EN  
15090:2012**



MODEL	CODES													PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	48	
AIB 29P	5858	5859	5860	5861	5862	5863	5864	5865	5866	5867	5868	5869	5870	€ 415,12

### AIB 8018 ANKLE BOOT

EN  
15090:2012



Workboots for firefighters, associated activities.

Type "C" (calf model).

Fastening with fire-retardant laces: 5 pairs of Vis rings with single rivet, 1 pair of open hooks "lockbolts" applied with double rivet, 2 pairs of open hooks applied with double rivet.

Needle machining.

Vulcanized Nitrile rubber Sole.

Upper in water-repellent flower leather in black colour mm. 2-2.2.

Collar in flower leather, black colour, coupled to mat. Expanded and lined.

Tongue/bellows in black flower leather, reinforced and padded.

TNT breathable front and rear lining.

Insole a between layers in TNT coupled with fabric in mat. polymeric removable anatomic cleaning slab in mat. Foam coupled to PE in the heel area, with antistatic seam in the bending area.

Minimum package: 1 Pair

MODEL	CODES													PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	48	
AIB 8018	5871	5872	5873	5874	5875	5876	5877	5878	5879	5880	5881	5882	5883	€ 492,75

### AIB 8080 ANKLE BOOT

EN  
15090:2012

UNI EN ISO  
17249:2007



Work boots for firefighters, forest fire fighting, cut by chainsaw.

Upper in water-repellent grain leather in black color mm. 2.0-2.2.

Tongue / mattress in black grain leather, lined, central padding and reinforcement in black water repellent grain leather.

Collar in black leather grain coupled with expanded material, lined with the same leather.

Contrafforte in TNT resin.

Lace-up closure with 4 pairs of rings, 1 pair of laces, 3 pairs of open hooks.

Anti-cut protection in 8-layer high tenacity fabric.

Steel toecap.

Insole in anti-static multilayer fabric (with anti-puncture lamina), thickness mm. 2.5, covered with "EVENT® WATERPROOF" PTFE fabric (waterproof and breathable).

Removable cleaning insole made of black foam material coupled with PE in the heel area and fabric in the front area, anti-static stitching in the flex area.

Nitrile rubber sole with oil, flame retardant, anti-slip, antistatic.

Protective levels: F2 A H13 CI AN SRC CL.2

Minimum package: 1 Pair.

MODEL													PRICE
	37	38	39	40	41	42	43	44	45	46	47	48	
AIB 8080	5884	5885	5886	5887	5888	5889	5890	5891	5892	5893	5894	5895	€ 688,50



# WORK SHOES

COMFORT

LIGHTNESS

RESISTANCE

ANTIABRASION

When it comes to work shoes, one must first of all think about the rules for the safety of workers, especially in some sectors.



ANTI  
TORSION

Footwear equipped with a rigid support, suitably inserted between the heel and the plant, which provides support and protection of the arch, avoiding harmful flexions and / or involuntary twists.

TEST  
WR

Footwear designed for all those who are forced to operate in environments characterized by high presence of water. WR shoes are in fact made with materials and techniques that prevent the entry of water while ensuring excellent breathability and therefore a perfect hygrometric comfort.

100%  
METAL  
FREE

Footwear made entirely with non-metallic components and / or not detectable by the metal detector.

CHEMICAL  
RESISTANCE

Shoe particularly suitable for handling, transport and storage of common chemical auxiliaries such as solvents, lubricants, detergents.

PERFUMED  
SOLE

Mix of the sole enriched with a pleasant essence that gives it a pleasant scent.

SLIP  
RESISTANT  
SOLE

Footwear having a sole that, thanks to a special compound and to the particular tread pattern, has excellent slip resistance properties; particularly suitable for use on slippery surfaces or for activities on land that require excellent adhesion.

BREATHABLE  
PLUS

The construction of the upper, the reduction of the surface of the overlapping materials, the use of highly breathable linings and upper materials facilitate the disposal of sweat and perspiration of the foot, which remains dry even at high temperatures and humidity. The shoes with the "BREATHABLE PLUS" symbol are particularly suitable for hot seasons.

EN ISO  
20345:2011

This standard is the official version of the European standard EN ISO 20345 (2011 edition). The standard specifies the basic and supplementary (optional) requirements for safety shoes, intended with resistance of the anti-crushing to 200J.

### SIROCCO BROWN S3 SRC



EN ISO  
20345:2011

ANTI  
TORSION

100%  
METAL  
FREE

PERFUMED  
SOLE

**UPPER:** Water repellent pull-up nubuck

**EXTERNAL LINING:** breathable woven

**LINING INTERNAL:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and desorbent, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed polyurethane, soft and comfortable; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** Polyurethane / TPU

**TIP:** non-metallic TOP RETURN resistant to 200 J

**FOIL:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.

### SAILOR GREY S1 P SRC

**UPPER:** perforated suede leather

**EXTERNAL LINING:** suede leather

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and desorbent, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed polyurethane, soft and comfortable; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** non-metallic TOP RETURN resistant to 200 J

**FOIL:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 pair.



EN ISO  
20345:2011

ANTI  
TORSION

100%  
METAL  
FREE

PERFUMED  
SOLE

BREATHABLE  
PLUS

### VEREINA S3 HI CI HRO SRC



EN ISO  
20345:2011

ANTI  
TORSION

100%  
METAL  
FREE

PERFUMED  
SOLE

**UPPER::** DURATEX anti-abrasion fabric and water-repellent leather

**EXTERNAL LINING:** breathable fabric

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE** HEAT BARRIER, anatomic, antistatic, perfumed, insulating from high temperatures, covered in fabric.

The thermal comfort inside the shoe is ensured thanks to the special polyurethane compound developed to guarantee insulation from the heat

**SOLE:** sewn, entirely in resistant nitrile rubber at +300 ° C per contact (1 minute)

**TIP:** non-metallic TOP RETURN resistant to 200 J

**FOIL:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair

MODEL	CODES													PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	48	
SIROCCO	-	-	-	-	5722	5723	5724	5725	5726	5727	5728	5729	-	€ 134,08
SAILOR	5730	5731	5732	5733	5734	5735	5736	5737	5638	5739	5740	5741	5742	€ 102,28
VEREINA	-	-	-	-	5743	5744	5745	5746	5747	5748	5749	5750	-	€ 163,64

### ELECTRON SB E P FO SRC

**UPPER:** BREATHEX fabric with 3D weaving, highly breathable and MICROTECH

**EXTERNAL LINING:** BREATHEX fabric, highly breathable

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** AIR, anatomic, electrically insulating, perforated, in EVA and fabric, guarantees a high support thanks to different thicknesses along the plantar surface

**SOLE:** dual density polyurethane with high electrical resistance

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation with high electrical resistance



EN ISO  
20345:2011

BREATHABLE  
PLUS

100%  
METAL  
FREE

PERFUMED  
SOLE

### ZATOPEK S3 SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

**UPPER:** water repellent leather

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.

### PUSKAS S3 SRC

**UPPER:** water repellent leather

**EXTERNAL LINING:** EXTERNAL LINING: synthetic breathable

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.



EN ISO  
20345:2011

PERFUMED  
SOLE

MODEL	CODES												PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	
ELECTRON	-	-	-	5751	5752	5753	5753	5754	5755	5756	5757	5758	€ 109,10
ZATOPEK	6362	6878	6879	6880	6881	6882	6883	6884	6885	6886	6887	6888	€ 136,37
PUSKAS	-	-	-	6355	6936	6937	6938	6939	6940	6941	6942	6943	€ 152,28



### CARNERA S1 P SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

**UPPER:** BREATHE fabric with 3D weaving, highly breathable and MICROTECH : BREATHE fabric, highly breathable

**EXTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and desorbent, anti-abrasion

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair

### BREAK S3 SRC

**UPPER:** water repellent leather

**INTERNAL LINING:** SPHERA 100% polyamide, warpproof, antibacterial, breathable, absorbent and anti-abrasion absorbent

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.



EN ISO  
20345:2011

PERFUMED  
SOLE

### MATCH POINT S1 P SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

**UPPER:** perforated suede leather

**INTERNAL LINING:** 100% polyamide, SPHERA warppable, antibacterial, breathable, absorbent and desorbing abrasion resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.

MODEL	CODES												PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	
CARNERA	6358	6913	6914	6915	6916	6917	6918	6919	6920	6921	6922	6923	€ 134,08
BREAK	-	-	-	5760	5761	5762	5763	5764	5765	5766	5767	5768	€ 136,37
MATCH POINT	-	-	-	5769	5770	5771	5772	5773	5774	5775	5776	5777	€ 118,20



### BAND S1 P SRC

**UPPER:** perforated suede leather

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.



EN ISO  
20345:2011

BREATHABLE  
PLUS

PERFUMED  
SOLE

### OAKLAND BIS S3 HRO SRC



EN ISO  
20345:2011

ANTI  
TORSION

100%  
METAL  
FREE

PERFUMED  
SOLE

**UPPER:** water repellent Pull-up nubuck

**EXTERNAL LINING:** synthetic breathable

**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant

**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high level of support thanks to different thicknesses along the plantar surface

**SOLE:** polyurethane / resistant nitrile rubber at +300 ° C per contact (1 minute)

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.

### HUSKY GREY S3 HRO SRC

**UPPER:** water-repellent suede leather

**EXTERNAL LINING:** breathable fabric

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** SOFT-BED, anatomic, antistatic, perforated, in soft, fragrant, soft and comfortable polyurethane.

The upper fabric layer absorbs the sweat and leaves the always dry foot. Island both from the cold and from the heat

**SOLE** polyurethane / nitrile rubber resistant to +300 ° C per contact (1 minute)

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.



EN ISO  
20345:2011

PERFUMED  
SOLE

MODEL	39	40	41	42	43	44	45	46	47	PRICE
BAND	5778	5779	5780	5781	5782	5783	5784	5785	5786	€ 109,10
OAKLAND	10375	10376	10377	10378	10379	10380	10381	10382	10383	€ 152,28
HUSKY	-	5787	5788	5789	5790	5791	5792	5793	5794	€ 138,63

### PIRENEI S3 WR HRO SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

TEST  
WR

WR test: 1000 steps in one tank with 3 cm of water, the wet internal surface must be less than 3 cm<sup>2</sup>

**UPPER:** water repellent Pull-up nubuck

**EXTERNAL LINING:** breathable leather

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and desorbent, anti-abrasion

**INSOLE:** SOFT-BED, anatomic, antistatic, perforated, in soft, fragrant, soft and comfortable polyurethane. The upper fabric layer absorbs perspiration and leaves the foot always dry. Island both from the cold and from the heat

**SOLE:** polyurethane / nitrile rubber resistant to +300 ° C per contact (1 minute)

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation  
Minimum package: 1 Pair.

### NEW ELECTRICAL SB E P WRU HRO FO SRC

**UPPER:** water repellent leather

**EXTERNAL LINING:** breathable leather

**INTERNAL LINING:** 100% polyamide fabric, warpproof, breathable, absorbent and desorbent, anti-abrasion

**INSOLE:** METATARSAL SUPPORT GEL, anatomic, electrically insulating, in extremely soft scented polyurethane, covered in fabric. The soft gel insert in the metatarsal area guarantees stability and comfort on any type of surface. Island both from the cold and from the heat

**SOLE:** polyurethane / nitrile rubber resistant to +300 ° C per contact (1 minute) with high electrical resistance

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation with high electrical resistance

Minimum package: 1 Pair.



EN ISO  
20345:2011

EN ISO  
20344:2011

PERFUMED  
SOLE

ELETRICIAN SHOES

100%  
METAL  
FREE

### SOLDER BIS UK S3 HRO SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

ANTI  
TORSION

**UPPER:** water repellent printed leather

**EXTERNAL LINING:** synthetic breathable

**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant

**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high level of support thanks to different thicknesses along the plantar surface

**SOLE:** polyurethane / nitrile rubber resistant to +300 ° C per contact (1 minute)

**TIP:** non-metallic TOP RETURN resistant to 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation

**PLUS:** fire-retardant seams, laces protection, anti-abrasion polyurethane toe protection, quick release  
Minimum package: 1 Pair.

MODEL	39	40	41	42	43	44	45	46	47	48	PRICE
PIRENEI	6353	6952	6953	6954	6955	6956	6957	6958	6959	-	€ 168,19
NEW ELECTRICAL	6350	6979	6980	6981	6982	6983	6984	6985	6986	6987	€ 163,64
SOLDER	5795	5796	5797	5798	5799	5800	5801	5802	5803	5804	€ 131,82

### ALICE S3 SRC

**UPPER:** water repellent nubuck

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and de-absorbing, abrasion-resistant

**INSOLE:** COFRA SOFT, anatomic, antistatic, perforated, in perfumed, soft and comfortable polyurethane; the design of the lower layer ensures absorption of impact energy (shock absorber) and high grip; the upper layer absorbs perspiration and leaves the foot dry

**SOLE:** polyurethane / TPU

**TIP:** ALUMINUM 200 J

**LAMINA:** non metallic APT Plate - Zero Perforation

Minimum package: 1 Pair.



EN ISO  
20345:2011

PERFUMED  
SOLE

### NEW CADMO S2 SRC



EN ISO  
20345:2011

SLIP  
RESISTANT  
SOLE

PERFUMED  
SOLE

**UPPER:** NEWTECH breathable, water repellent

**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant

**INSOLE:** antistatic, absorbent and desorbent, covered in fabric

**SOLE:** anti-slip monodensitic polyurethane

**TIP:** steel resistant to 200 J

Minimum package: 1 Pair.

### STIGE BIS S2 SRC

**UPPER:** ECOLORICA®; water-repellent

**EXTERNAL LINING:** synthetic breathable

**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, antibacterial, absorbent and desorbent, abrasion-resistant

**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks to different thicknesses along the plantar surface

**SOLE:** non-slip double density polyurethane

**TIP:** non non-metallic TOP RETURN resistant to 200 J

Minimum package: 1 pair.



EN ISO  
20345:2011

100%  
METAL  
FREE

PERFUMED  
SOLE

SLIP  
RESISTANT  
SOLE

CHEMICAL  
RESISTANCE

MODEL	CODES													PRICE
	35	36	37	38	39	40	41	42	43	44	45	46	47	
ALICE	5805	5806	5807	5808	5809	5810	5811	-	-	-	-	-	-	€ 131,60
NEW CADMO	6374	7021	7022	7023	7024	7025	7026	7027	7028	7029	7030	7031	7032	€ 75,01
STIGE BIS	-	5812	5813	5814	5815	5816	5817	5818	5819	5820	5821	5822	5823	€ 90,92

NEW KEVIN SB E A FO SRC



EN ISO  
20345:2011

PERFUMED  
SOLE

SLIP  
RESISTANT  
SOLE

CHEMICAL  
RESISTANCE

**UPPER:** ECOLORICA®; water repellent perforated  
**INTERNAL LINING:** CAMBRELLE®; 100% polyamide, breathable,  
absorbent and desorbent, anti-abrasion  
**INSOLE:** soft and anatomic in suede leather,  
breathable, absorbent and desorbent  
**SOLE:** anti-slip monodensitic polyurethane  
**TIP:** steel resistant to 200 J  
Minimum package: 1 Pair.

HAND WASH WITH NEUTRAL SOAP AT MA-  
XIMUM TEMPERATURE OF 40 ° C

NEW GALAXY S5 CI SRC

**LEGS AND TREAD:** COLD DEFENDER PU, antibacterial, resistant  
to -25 ° C

**INTERNAL LINING:** anti-abrasion polyester

**INSOLE:** POLY-BED, absorbent and desorbent, antistatic,  
covered in anti-bacterial SANY-DRY® fabric that prevents the  
formation of unpleasant odors  
**SOLE:** polyurethane / nitrile  
rubber resistant to

+300 ° C per contact (1 minute) with high electrical resistance

**TIP:** steel resistant to 200 J

**LAMINA:** stainless steel

**INTENDED USE:** boots for the food industry

Minimum package: 1 Pair.

COLD  
PROTECTION

PERFUMED

SLIP  
RESISTANT  
SOLE

100%  
METAL  
FREE



EN ISO  
20345:2011

NEW TYPHOON YELLOW/BLACK S5 SRC



EN ISO  
20345:2011

SLIP  
RESISTANT  
SOLE

**LEGS AND TREADS:** PVC ERGO-NITRIL  
**INTERNAL LINING:** anti-abrasion polyester  
**INSOLE:** antistatic, absorbent and desorbent,  
covered in fabric  
**SOLE:** polyurethane / nitrile rubber resistant to  
+300 ° C per contact (1 minute) with high electrical resistance  
**TIP:** steel resistant to 200 J  
**LAMINA:** stainless steel  
**INTENDED USE:** construction boots  
Minimum package: 1 Pair.

COMPLIES WITH THE REACH REGULATION

MODEL	CODES														PRICE
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
KEVIN	6373	7033	7034	7035	7036	7037	7038	7039	7040	7041	7042	7043	7044	-	€ 84,08
GALAXY	-	4657	4658	4659	4660	4661	10443	4663	4664	4665	4666	4667	4668	4669	€ 103,40
TYPHOON		-	-	-	4633	4634	4635	4636	4637	4638	4639	4640	4641	4642	€ 71,60



### NEW TYPHOON BLUE/RED S5 SRC

**LEGS AND TREADS:** PVC ERGO-NITRIL  
**INTERNAL LINING:** anti-abrasion polyester  
**INSOLE:** antistatic, absorbent and desorbent, covered in fabric  
**AOLE:** polyurethane / nitrile rubber resistant to +300 ° C per contact (1 minute) with high electrical resistance  
**TIP:** steel resistant to 200 J  
**LAMINA:** stainless steel  
**INTENDED USE:** construction boots  
 Minimum package: 1 Pair.

**CONFORME AL REGOLAMENTO REACH**



**EN ISO  
20345:2011**

**SLIP  
RESISTANT  
SOLE**

### NEW RED SEA S1 P SRC

**BREATHABLE  
PLUS**

**100%  
METAL  
FREE**

**EN ISO  
20345:2011**



**UPPER:** perforated suede leather  
**EXTERNAL LINING:** breathable fabric  
**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, absorbent and desorbing, anti-abrasion  
**INSOLE:** AIR, anatomical, antistatic, perforated, in EVA and fabric, guarantees a high level of support thanks to different thicknesses along the plantar surface  
**SOLE:** dual density polyurethane  
**TIP:** FIBERGLASS CAP, non-metallic fiberglass  
**LAMINA:** non metallic APT Plate - Zero Perforation  
 Minimum package: 1 Pair.

### NEW IONIAN S1 P SRC

**UPPER:** suede leather and breathable fabri  
**EXTERNAL LINING:** breathable fabric  
**INTERNAL LINING:** SANY-DRY® 100% polyester, three-dimensional, breathable, absorbent and desorbing, anti-abrasion  
**INSOLE:** : AIR, anatomical, antistatic, perforated, in EVA and fabric, guarantees a high level of support thanks to different thicknesses along the plantar surface  
**SOLE:** dual density polyurethane  
**TIP:** FIBERGLASS CAP, non-metallic fiberglass  
**LAMINA:** non metallic APT Plate - Zero Perforation  
 Minimum package: 1 Pair.



**100%  
METAL  
FREE**

**EN ISO  
20345:2011**

MODEL	CODES													
	36	37	38	39	40	41	42	43	44	45	46	47	48	PRICE
TYPHOON	6376	6770	6771	6772	6773	6774	6775	6776	6777	6778	6779	6780	6781	€ 73,87
NEW RED SEA	10247	10248	10249	10250	10251	10252	10253	10254	10255	10256	10257	10258	10259	€ 86,37
NEW IONIAN	-	-	-	6147	6381	6382	6383	6384	6385	6386	6387	6388	-	€ 92,04

### NEW VOLGA S3 SRC



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**UPPER:** water repellent printed leather  
**EXTERNAL LINING:** synthetic breathable  
**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant  
**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks at different thicknesses along the plantar surface  
**SOLE:** dual density polyurethane  
**TIP:** steel resistant to 200 J  
**LAMINA:** stainless steel  
 Minimum package: 1 Pair.

### NEW RENO S3 SRC

**UPPER:** water repellent printed leather  
**EXTERNAL LINING:** synthetic breathable  
**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant  
**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks at different thicknesses along the plantar surface  
**SOLE:** dual density polyurethane  
**TIP:** steel resistant to 200 J  
**LAMINA:** stainless steel  
 Minimum package: 1 Pair.



EN ISO  
20345:2011

### NEW LOIRA S3 SRC



EN ISO  
20345:2011

**UPPER:** water repellent printed leather  
**EXTERNAL LINING:** synthetic breathable  
**INTERNAL LINING:** TEXELLE 100% polyamide, breathable, absorbent and desorbent, abrasion resistant  
**INSOLE:** AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks at different thicknesses along the plantar surface  
**SOLE:** dual density polyurethane  
**TIP:** steel resistant to 200 J  
**LAMINA:** stainless steel  
 Minimum package: 1 Pair.

MODEL	CODES													PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	48	
NEW VOLGA	5824	5825	6356	6782	6783	6784	6785	6786	6787	6788	6789	6790	6791	€ 68,42
NEW RENO	5826	5827	6229	6416	6417	6418	6419	6420	6421	6422	6423	6424	6425	€ 70,73
NEW LOIRA	5828	5829	5830	5831	5832	5833	5834	5835	5836	5837	5838	5839	5840	€ 71,90

### NEW TEVERE S1 P SRC

**UPPER:**

suede leather

**EXTERNAL LINING:**

breathable woven

**INTERNAL LINING:**

TEXELLE 100% polyamide, breathable, absorbent and desorbing, anti-abrasion

**INSOLE:**

AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks to different thicknesses along the plantar surface

**SOLE:**

dual density polyurethane

**TIP:**

steel resistant at 200 J

**LAMINA:**

steel INOX

Minimum package: 1 pair.



**EN ISO  
20345:2011**

### NEW TIGRI S1 P SRC

**BREATHABLE  
PLUS**

**EN ISO  
20345:2011**

**UPPER:**

suede leather

**EXTERNAL LINING:**

breathable woven

**INTERNAL LINING:**

TEXELLE 100% polyamide, breathable, absorbent and desorbing, anti-abrasion

**INSOLE:**

AIR, anatomic, antistatic, perforated, in EVA and fabric, guarantees a high support thanks to different thicknesses along the plantar surface

**SOLE:**

dual density polyurethane

**TIP:**

steel resistant at 200 J

**LAMINA:**

steel INOX

Minimum package: 1 pair.



MODEL	CODES													PRICE
	36	37	38	39	40	41	42	43	44	45	46	47	48	
NEW TEVERE	8583	8584	8585	8586	8587	8588	8589	8590	8591	8592	8593	8594	8595	€ 77,70
NEW TIGRI	6219	6426	6427	6428	6429	6430	6431	6432	6433	6434	6435	6436	6437	€ 70,73




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