

Technical Manual



SAFETY
FOR
FUTURE



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21063-510.EPD : Portable Fire Extinguisher, 6 Kg ABC Powder



100% SUSTAINABLE POWDER

To reach zero climate impact in Europe within 2050



This powder has achieved certification by **Milieukeur** as eco-friendly product in accordance to European Green Deal

- **CYLINDER**
In high-strength alloy steel, 3 pieces drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
Regenerated ABC Powder. MAP 30 %.
- **PROPELLANT**
Dehumidified air or nitrogen (N₂).
- **VALVE**
M. 30x1.5, lightweight aluminum alloy AA6061 body, levers with red painting Ral 3000.
- **USE**
A B C fire rating (solid materials, flammable liquids, flammable gas).

CERTIFICATE AVAILABLE



EN3-B24/2568

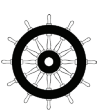
EPD
INTERNATIONAL EPD SYSTEM

Certified and third-party verified Environmental Product Declaration (EPD), quantifying environmental impacts through Life Cycle Assessment (LCA) throughout the entire life cycle in accordance with ISO 14025.

Note: image is for illustrative purpose only, the product purchased can has some difference

6 Kg powder fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 3-7 (D.M. 7.1.2005)**, approved Marine Equipment Directive **MED 2014/90/EU**, certified according to the directive for pressure equipment PED 2014/68/EU. Manufactured according at productions checks as agreed with **EN 3-10**. Quality Product certification guaranteed by Bureau Veritas Italia. Suitable for use on fire involving electrical voltages up to 1'000 V, at a minimum distance of 1 meter.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



MPA
Dresden



EN 3-10
Inspection Certificate
N° 55840/21/NM/nmj



FIRE
RATING :



34



233



✓

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REPRODUCTION IS PROHIBITED

21063-510.EPD : Portable Fire Extinguisher, 6 Kg ABC Powder

- **INSTALLATION** The installation must be carried out in accordance with the provisions in force in the country where the device is used.
- **USE** The commissioning and maintenance activities for maintaining efficiency must be carried out in accordance with the document **EPP_1_ENG** by qualified technical personnel and in compliance with the regulations in force in the country of use.
- **MAINTENANCE**

Any tampering or intervention carried out by unqualified personnel will void the product warranty.

It is recommended to place the device in a dry place protected from atmospheric agents.

TECHNICAL SPECIFICATIONS

FIRE RATING	34 A 233 B C
EXTINGUISHING AGENT	Regenerated ABC Powder - MAP 30 % (NTL30 - New Tech Lab)
PROPELLANT	Dehumidified air or Nitrogen (N ₂), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	6 Kg
FULL WEIGHT	~ 9,4 Kg
DIMENSIONS	Height (base - valve) 510 +/- 5 mm Diameter (cylinder) 160 +/- 2 mm
DISCHARGE TIME	~ 21,1 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	7,3 Liters
SAFETY DEVICE	Set between 20 and 26 bar
CYLINDER MATERIAL	Steel alloy
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

PACKAGING

(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD

Maximum nr. 80 pieces for pallet

Pallet dimensions: 120x80 cm

- At the customer's request: max. 99 items per pallet

ON REQUEST: SINGLE PACKAGING

- maximum 99 pieces on pallet 120x80 cm

- maximum 32 pieces on pallet 60x80 cm

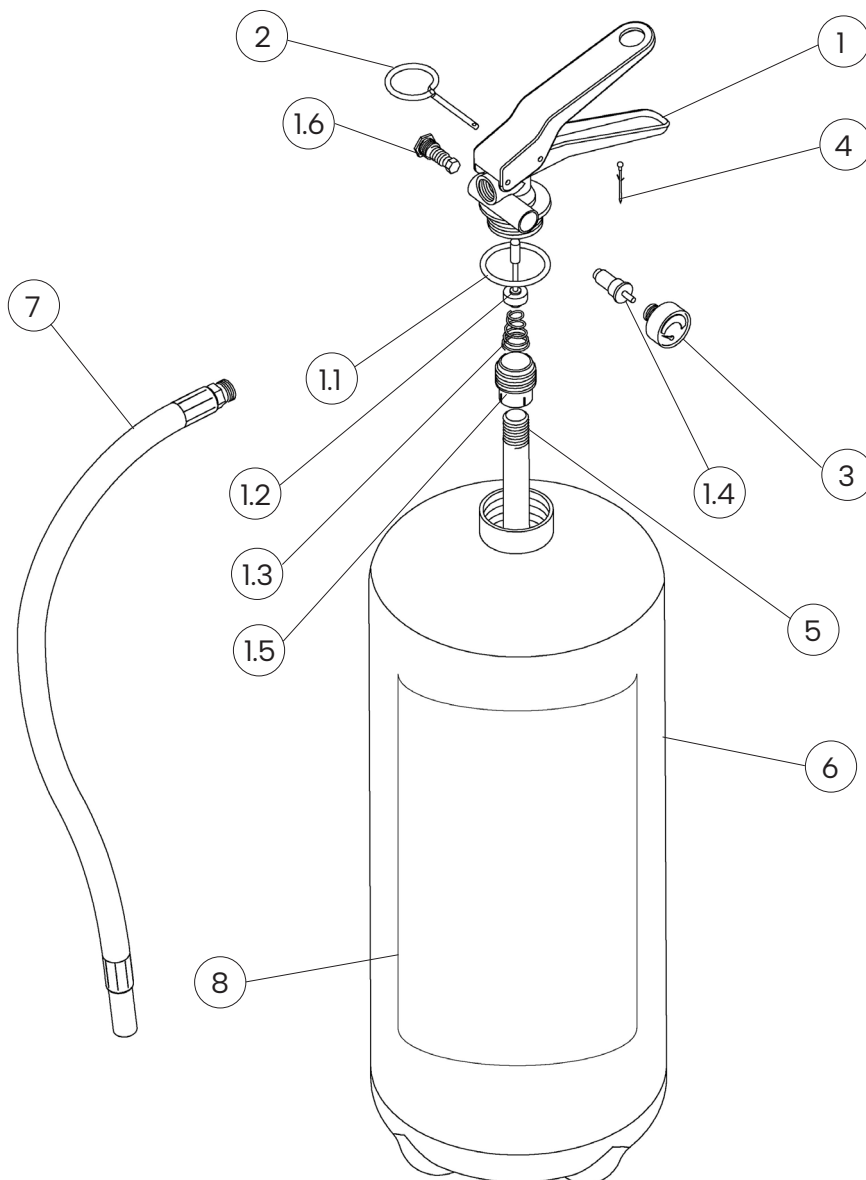
TRANSPORT DISPOSAL

Land transport : Exemption for the purposes of ADR disposal 594

Ship Transport : IMDG Code - UN 1044 class 2.2 Fire Extinguishers

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COMPONENTS AND SPARE PARTS LIST



NUM.	DESCRIPTION	CODE
1	Valvola M. 30x1.5	0212-9
1.1	O-ring valve	0201R
1.2	Valve stem	n.a.
1.3	Internal spring of the valve	n.a.
1.4	Test valve for pressure gauge	1163
1.5	Dip tube holder	n.a.
1.6	Safety device	n.a.
2	Safety pin	0282-1
3	Pressure gauge	0271-1
4	Safety pin seal	0285

NUM.	DESCRIPTION	CODE
5	PVC dip tube	1859
6	Cylinder	1848K
7	Hose	0292
8	Label	0054-510.EPD
OPTIONAL	Iron marine bracket red painting	0316
OPTIONAL	Stainless steel marine bracket	1464
OPTIONAL	Wall-mounted bracket for fire extinguisher with clip	3036

The spare part at number 1 includes already all others components indicated from 1.1 to 1.6
 "n.a." mean that the component is not available as single spare part

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