

Technical Manual



SAFETY
FOR
FUTURE



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21063-540.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

CERTIFICATE
AVAILABLE



EN3-B24/2568

- **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**
CPF M. 30x1.5, brass body, levers with red painting Ral 3000.
- **USE**
A B C fire rating
(solid materials, flammable liquids, flammable gas).

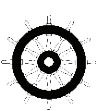
EPD
INTERNATIONAL EPD SYSTEM

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



✓

REPRODUCTION IS PROHIBITED

File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
21063-540.EPD_Technical manual	Technical manual	21063-540.EPD	17/07/2026	M.M.		0	1/3

21063-540.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

• MAINTENANCE

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.

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	~ 9,55 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 24 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 pieces per pallet

ON REQUEST: SINGLE PACKAGING

- maximum 99 pieces on pallet 120X80 cm

- maximum 32 pieces on pallet 60X80 cm

TRANSPORT DISPOSAL

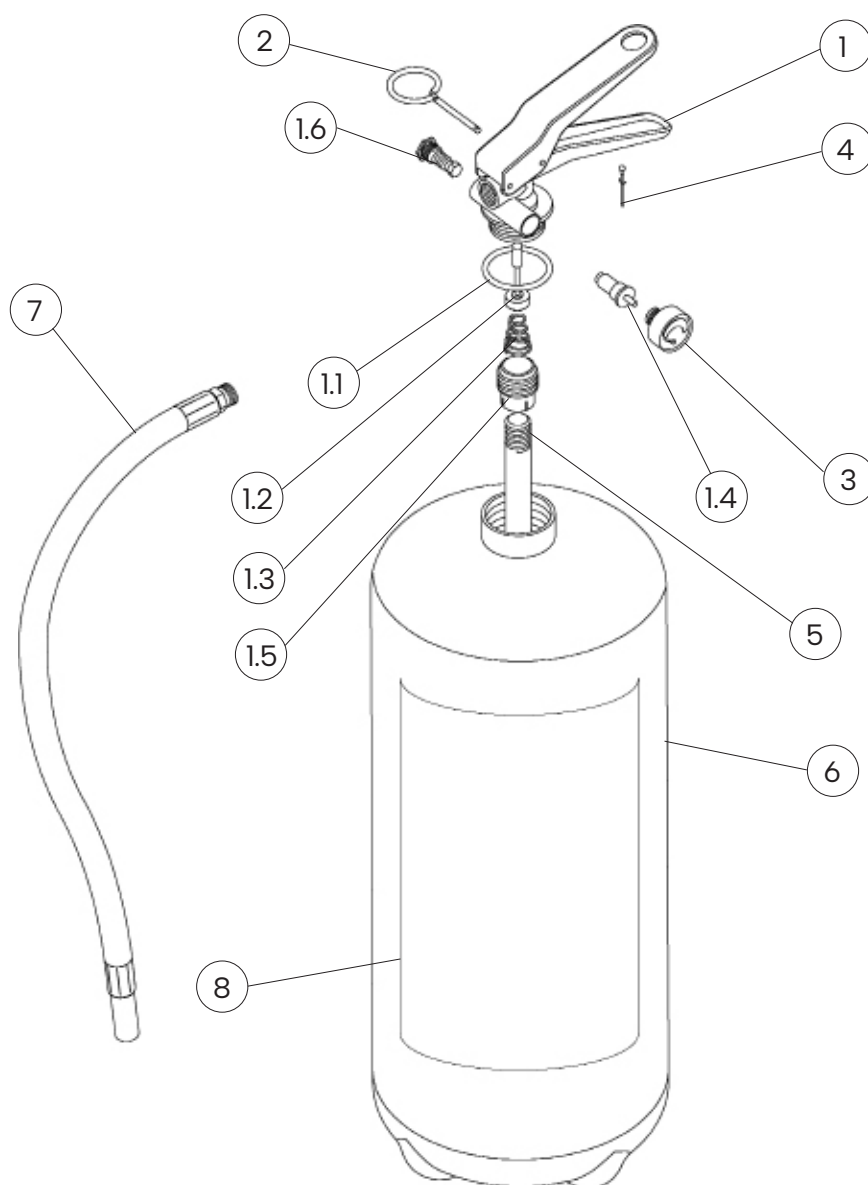
Land transport : Exemption for the purposes of ADR disposal 594

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

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21063-540.EPD_Technical manual	Technical manual	21063-540.EPD	17/07/2026	M.M.		0	2/3

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COMPONENTS AND SPARE PARTS LIST



NUM.	DESCRIPTION	CODE
1	Valvola M. 30x1.5	0212C
1.1	O-ring valve	0201C
1.2	Valve stem	0242C
1.3	Internal spring of the valve	0251C
1.4	Test valve for pressure gauge	1163C
1.5	Dip tube holder	0253C
1.6	Safety device	0261C
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	0054-540.EPD
OPTIONAL	Iron marine bracket red painting	0316
OPTIONAL	Stainless steel marine bracket	1464

The spare part at number 1 includes already all others components indicated from 1.1 to 1.6

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