

ABC POWDER FIRE EXTINGUISHER PS1-X ABC



PS1-X ABC is a stored pressure, multi-purpose dry powder fire extinguisher with pressure gauge. Wide operating temperature range $-30^{\circ}\text{C} + 60^{\circ}\text{C}$, ensures suitability for use in low-temperature countries.

Certified to the Pressure Equipment Directive PED 97/23/EC, to the Marine Equipment Directive MED 96/98/EC and EN3. Capacity is 1 kg.

CONSTRUCTION & USE

BODY • Single piece, deep drawn aluminium alloy body, externally painted with polyester resin, signal red to RAL 3000.

VALVE • Squeeze grip operated with Acetalyc Resin body. All external valve parts are either in plastic material are protected against corrosion.

PROPELLANT • The propellant gas is nitrogen. A small percentage of helium is added, to facilitate electronic leak detection.

EXTINGUISHING AGENT • ABC multipurpose dry powder. All parts in contact with the extinguishing agent are compatible with the same.

BRACKET • Plastic bracket specially designed for vehicle and marine use.

USE
Suitable for all fires (except metal fires).



FIRE CLASSES



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TECHNICAL CHARACTERISTICS

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MODEL:	PS1-X ABC	
FIRE RATINGS:	5 A - 34 B - C	
CHARGE:	1 kg ± 5 %	
PROPELLANT:	nitrogen or nitrogen + helium	
EXTINGUISHING AGENT:	ABC dry powder	
DISCHARGE:	Discharge time :	7 s
	Average throw :	4 m
CYLINDER:	Material of construction :	aluminium alloy
	Manufacturing process :	deep drawing
	External painting :	polyester resin, minimum thickness 75 µm
	Corrosion resistance :	480 h minimum according to ISO 9227:1990
PRESSURE:	Operating pressure, 20 °C :	9 bar
	Operating pressure, 60 °C :	11 bar
	Operating pressure, -30 °C :	6 bar
DIMENSIONS:	Overall height :	295 mm
	Bottle OD :	82 mm
WEIGHT:	Empty / Charged :	0,26 kg / 1,26 kg
PACKING SPECIFICATIONS:	Standard packing :	6 pieces cardboard box
	Carton size : B x L x H :	265 x 200 x 320 mm
	Volume :	0,017 m ³
	Weight per carton :	8,7 kg
	Pallet :	90 cartons (540 pieces)
	Pallet size : B x L x H :	800 x 1200 x 1745 mm
	Pallet volume :	1,68 m ³
	Weight per pallet (net/gross):	783 kg / 803 kg

DATA AND CHARACTERISTICS SHOWN ON THIS TECHNICAL SPECIFICATION MAY THEREFORE BE MODIFIED IN ANY MOMENT WITHOUT NOTICE



The bracket is made of polypropylene: it may be fixed by screws on any surface, thanks to the different fastening points on the back of the bracket. The safety strip fastens the fire extinguisher to the support, making it perfectly stable, also in case of violent impact.



- ① The Valve is made up of Acetalic Resin ensuring perfect corrosion protection.
- ② The large diameter of the safety pin ensures an easy grip even when the operator is wearing work gloves.
- ③ The spindle is made of Acetalic Resin for perfect sealing.
- ④ The spring is made of stainless steel.
- ⑤ The single piece, deep drawn aluminium alloy body ensures maximum sealing and, thanks to its light weight, perfect handling.
- ⑥ The high-precision shock-proof pressure gauge, with internal components made of brass, provides a very accurate indication of the pressure status of the extinguisher.