

ABC DRY POWDER MAP-90% (STORED PRESSURE) 6 KG FIRE EXTINGUISHER WITH S.S BODY



KANEX ABC Dry Powder MAP-90% (Stored Pressure) 6 kg Fire Extinguishers applicable on Class A, B, C and electrically started fires. Which involves flammable solids, liquids and gases.

Brief description: ABC Dry Powder MAP-90% Fire Extinguishers with nominal charge of 6 kg (+/-5%). Constructed of SS 304 made up of 1 mm and SS Valve. Approved Fire ratings 3A:55B with an effective throw of about 5 meters (Min. 2 m.) and discharge about 95% (Min. 90%).

Client :

PO No.

1.00 GENERAL DATA

1.01	Manufacturer	Kanadia Fyr Fyter Pvt Ltd
1.02	Trade Mark	"KANEX"
1.03	Standard Code	IS 15683:2006
1.04	Type	Portable Stored Pressure
1.06	Quantity	

2.00 MATERIALS OF CONSTRUCTION

2.01	Extinguishing Medium	Mono Ammonium Phosphate based dry powder 90% (Confirms to IS 14609)
2.02	Body	S.S 304 (Made up of 1mm)
2.03	Neck Ring	S.S 304
2.04	Valve	Brass
2.05	Discharge Nozzle	ABS Plastic
2.06	O-ring	Nitryle Rubber
2.07	Safety Pin	S.S
2.08	Seal	Plastic
2.09	Safety Pin Holder	Rubber/Soft PVC
2.10	Lever lock	Plastic
2.11	Siphon Tube	Aluminium/Brass
2.12	Pressure Gauge/indicator	As per IS 15683:2006
2.13	Wall mounting Bracket with screw	Mild steel (Powder Coated)/M.S
2.14	Discharge Hose	Rubber Braided EPDM Hose
2.15	Discharge Tube Holder	Plastic/PVC
2.16	Belt	Plastic

3.00 GUARANTEED PERFORMANCE

3.01	Performance Requirement	Min. effective Discharge Time: 24 Sec. (Actual : 14 Sec. approx) Bulk Range of Discharge: Min. 5 meter (Actual : 2 meter approx) Percentage of Discharge: Not Less than 90 % (Actual : 95% approx)
3.02	Temperature Range	-30 °C to +55 °C
3.03	Service Pressure	15 bar
3.04	Maximum Service Pressure	17 bar
3.05	Fire Rating	3A:55B

4.00 ROUTINE TESTS

4.01	Pressure test (Pt)	35 bar (3.5 MPa)
4.02	Minimum Burst Pressure test (Pb) for Body	55 bar (5.5 MPa)
4.03	Leakage test	By applying soap solution leakage to checked
4.04	Partial discharge	The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge.
4.05	Burst Pressure Test For Discharge Hose	Not Less than 35 bar (3.5 Mpa)

5.00 TYPE TESTS

As per IS 15683

6.00 DIMENSIONS

		Max. Diameter: 150±10 mm.
		Height: 550 mm (Approx.)
6.01	Thickness of sheet	Made Up of 1 mm
6.02	Full weight of cylinder	8.7 kg (Approx)

7.00 ANTI - CORROSIVE TREATMENT	Phosphate Treatment Followed by epoxy powder coating of body DFT Not less than 50 Micron
8.00 ACCESSORIES (BRACKETS & SCREWS)	Provided
9.00 MISCELLANEOUS	
9.01 Inspection & Testing	As per approved GTP
9.02 Finish	PO Red as per IS : 5 (Shade 538)
9.03 Marking	As per IS 15683:2006
9.04 Approvals	BIS & CE
9.05 Maintenance, Care and Refilling	As per IS:2190
10.00 Packing	Corrugated boxes (Outer box sizes: 255x255x420mm)