

aska®

THE MFCF RANGE
REQUIRES ONLY SIMPLE
ANNUAL MAINTENANCE BY YOUR
STAFF MEMBER USING THE
MAGNET FOR CHECKING THE
PRESSURE

MFCF-10 Powder Extinguisher

(Composite Fire Extinguisher ABC Powder)

Available in 2Kg, 6Kg & 9Kg

GOOD FOR
PLANET
Completely
Recyclable

Trial
& Tested
by INS SHIVAJI
& IOCL

Recommended
by OISD & CFEEs



<https://www.gem.gov.in>



- ▶ The MFCF-10 fire extinguisher is carbon neutral and 100% recyclable.
- ▶ Reduced carbon footprint. The extinguisher doesn't need outside contractor servicing, so no service visits are required.
- ▶ No welding, no degreasing, no shot blasting, no painting, no waste disposal.

Applicable on all classes of fire



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Extinguishers BS EN Standard Based

or
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Code



Control Discharge

Corrosion Free & Service Free Extinguisher

ABC powder is combination of Ammonium Phosphate & Ammonium Sulphate.

On Class A fires the particles fuse and swell to form a barrier which excludes oxygen and prevents reignition.

On Class B fire powder interferes with the chemical reactions, thus the flames cease to exist.

The powder is non conductive.

ABC powder will extinguish Class A (Carbonaceous) fires, Class B (flammable liquid) fires and Class C (flammable gas) fires

Leading The World - In Fire Technology

These new fire extinguishers employ design technology pioneered by the motor racing, defence, aircraft and aerospace industries (i.e), Airbus A380 and Dreamliners are constructed with 50% of composite materials. At the heart of the construction is a High Density Polyethylene weavered Kevlar® body, extremely tough, yet incredibly light, fibre material from the Aramid family. Kevlar® is also used in gas bottles, fire brigade breathing apparatus bottle, bullet-proof vests and fire-proof gloves. The MFCF10 extinguisher incorporate three elements the loose weave, blow moulded inner body and a locking neck ring. The outer casing is made from High Density Polyethylene, which is 100% UV protective.

The MFCF10 - Composite Extinguisher

- ▶ 10 Year Corrosion guarantee of vessel & 20 years shelf life
- ▶ Requires only a yearly in-house compliance inspection using guage check with magnet
- ▶ No danger of personal injury due to corrosion of parts
- ▶ Kevlar® - Aramid type super strength yarn
- ▶ Carbon neutral
- ▶ Light weight for ease of operation
- ▶ EN3 & MED approved
- ▶ Compliance to BIS15683
- ▶ 100% UV protection of the outer casing
- ▶ 100% Recyclable ♻️

Problem with traditional / conventional fire extinguishers

The necessity for servicing is because traditional extinguisher comprised of metal parts which corrode, especially around weak areas such as

- ▶ Lining and under skirt rings
- ▶ With faster corrosion occurring in salt laden atmosphere and high humidity area

A corroded extinguisher potentially can be dangerous to the operator. Further this conventional technology do not assure us maximum fire rating / performance.

Solution

We eliminate above risks and maintenance cost using our latest technology with assured fire ratings.



Technical Specifications

- ▶ Cylinder Head Material : HDPE with Aramid Winding (Kevlar®)
- ▶ Operating Head Material : Brass - C3771 - Nickel Plated
- ▶ Nozzle : Nylon
- ▶ Hose : EPDM synthetic rubber (Unlimited shelf life subject to no physical damage)

Size Capacity (Kg)	Contents	EN3 Fire Rating	Maximum BIS15683 Fire Rating	Filled Weight (Kg)	EN3 Approved	Operating Pressure (Bar)	Test Pressure (Bar)	Burst Pressure (Bar)	Discharge Duration (Sec)	Discharge Range (M)	Height (mm)	Diameter (mm)
2	ABC Powder	13A / 55B	2A / 21B	2.74	Yes	12	22	55	22	3	410	125
6	ABC Powder	43A / 233B	4A / 144B	8.5	Yes	12	22	55	20	5	570	178
9	ABC Powder	55A / 233B	6A / 233B	11.7	Yes	12	22	55	22	7	640	210

Special Note

- ▶ Wheel marked in accordance with the MED & same fire ratings in Marine approval.
- ▶ Schrader valve for easy refilling onboard

Clients



Tested & Approved By



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