

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Extinguisher Type:** Water mist (Stored pressure)
- ✓ **Capacity:** 50 LTR
- ✓ **Fire Classification:** Class A B F
- ✓ **Coverage Area:** 4 Meters for 13 sec. Minimum

STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	4mm Low Carbon Steel Sheet
2	Valve	Brass Forged – CE with NRV and safety release valve
3	Nozzle & Discharge fitting	Special nozzle with rotor mechanism
p	Hose	Braided PVC (Burst pressure- 50 cm ²)
5	O-Ring	Rubber
6	Plunger	Brass
7	Spring	Steel
8	Pressure gauge	Brass
9	Syphon tube	Plastic
10	Charge	Wet chemical (suitable for kitchen fire, F class fire)
11	Handle & Lever	Mild Steel
12	External coating	ULTRACOAT EP POLLY (PO Red Shade 538)
13	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
14	Trolley	MS Powder coating



PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	85% minimum within 20sec.
Effective Discharge Reach	4 meters
Hydraulic pressure test	36 KGF/CM ²
Bursting pressure test	57 KGF/CM ²
Working pressure	15 KGF/CM ²
Operating Temperature Range	5°C to 55°C

Testing & Quality Assurance

- Leakage Integrity Assessment
- Burst Pressure Endurance Test (57 CM²)
- Corrosion Resistance & Durability Check
- Inspection as per approved QAP

Certifications & Compliance Approvals

- ISO 9001:2015 Accreditation
- CE Mark Conformity
- Eco-Friendly & Safe for Enclosed Spaces

Maintenance & Serviceability

- **Inspection & Testing Frequency:** As per IS Standards 2190
- **Scheduled Maintenance:** Annual Servicing Recommended
- **Refilling Interval:** Every 5 Years
- **Operational Lifespan:** 10 Years (Under Optimal Storage Conditions)

Physical Dimensions

Specification	Details
Height	1000 mm
Cylinder Diameter	400 ± 5 mm

Operational Guidelines (PASS)

- Disengage the Safety Pin
- Direct the Nozzle at Fire Base
- Activate by Squeezing the Handle
- Execute Sweeping Motion for Maximum Coverage

Packaging & Storage Recommendations

- Packaging Type:**
Corrugated Paper box
- Ideal Storage Environment:**
Cool & Dry Conditions