

PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 4-MA50
- ✓ **Extinguisher Type:** ABC Stored Pressure (Portable)
- ✓ **Capacity:** 4 KG
- ✓ **Fire Classification:** Class A B C
- ✓ **Fire Rating:** 3A 55B
- ✓ **Coverage Area:** 4 Meters for 13 sec. Minimum
- ✓ **Compliance Standards:** IS 15683:2018

STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	1.5mm Low Carbon Steel Sheet
2	Valve	Brass Forged
3	Nozzle & Discharge fitting	M.S Nozzle and M.S Fitting
4	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	Dry chemical powder as per IS:4308 (MAP 50%)
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	Wall Bracket	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	-30°C to +60°C
Type Test as per IS:15683:2018	

Testing & Quality Assurance

- ✓ **Hydrostatic Pressure Evaluation** IS15683:2018
- ✓ **Leakage Integrity Assessment**
- ✓ **Burst Pressure Endurance Test** (57 CM²)
- ✓ **Corrosion Resistance & Durability Check**
- ✓ **Inspection as per approved QAP**
- ✓ **Testing lab for UL/ISI fire rating**

Operational Guidelines (PASS)

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

Certifications & Compliance Approvals

- ✓ IS 15683:2018 Certification
- ✓ BIS Regulatory Endorsement
- ✓ ISO 9001:2015 Accreditation
- ✓ Eco-Friendly & Safe for Enclosed Spaces

Packaging & Storage Recommendations

✓ **Packaging Type:**

Corrugated Paper box

✓ **Ideal Storage Environment:**

Cool & Dry Conditions

Maintenance & Serviceability

- | | |
|---|---|
| <ul style="list-style-type: none"> • Inspection & Testing Frequency: • Scheduled Maintenance: • Refilling Interval: • Operational Lifespan: | <p>As per IS Standards 2190</p> <p>Annual Servicing Recommended</p> <p>Every 5 Years</p> <p>10 Years (Under Optimal Storage Conditions)</p> |
|---|---|

Physical Dimensions & Weight

Specification	Details
Height	480 ± 10 mm
Cylinder Diameter	130 ± 5 mm
Empty Weight	Approx. 2.2 kg
Filled Weight	Approx. 6.2 kg