

PRODUCT OVERVIEW

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|--|------------------------------|
| <input checked="" type="checkbox"/> Brand: | Safex Fire Services Ltd |
| <input checked="" type="checkbox"/> Model Number: | 4-MASGB50 |
| <input checked="" type="checkbox"/> Extinguisher Type: | ABC Squeeze Grip |
| <input checked="" type="checkbox"/> Capacity: | 4 KG |
| <input checked="" type="checkbox"/> Fire Classification: | Class A B C |
| <input checked="" type="checkbox"/> Fire Rating: | 3A 55B |
| <input checked="" type="checkbox"/> Coverage Area: | 4 Meters for 13 sec. Minimum |
| <input checked="" type="checkbox"/> 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 500mm (Burst pressure- 50 KgF/cm ²) |
| 5 | O-Ring | Rubber |
| 6 | Plunger | Brass |
| 7 | Spring | Steel |
| 8 | Pressure gauge | Brass |
| 9 | Syphon tube Outlet | PVC |
| 10 | Syphon tube Inlet | Aluminium |
| 11 | Neck Ring | Mild Steel Pipe |
| 12 | Check nut | Brass |
| 13 | CO ₂ Gas Cartridge | Mild Steel IS:4947 |
| 14 | Cartridge Holder | Brass |
| 15 | Charge | Dry chemical powder as per IS:4308 (MAP 50%) |
| 16 | Piercer | Stainless Steel |
| 17 | Handle & Lever | Mild Steel |
| 18 | External coating | (PO Red Shade 538) |
| 19 | Corrosion Resistance | Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting |
| 20 | Wall Bracket | MS Powder coating |



SPECIFICATION

| | |
|----------------------------------|---------------------------|
| Minimum Discharge Duration | 85% minimum within 25sec. |
| 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 |
| Types 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

- 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
- CE Mark Conformity
- Eco-Friendly & Safe for Enclosed Spaces

Packaging & Storage Recommendations

Packaging Type:

Corrugated Paper box

Ideal Storage Environment:

Cool & Dry Conditions

Maintenance & Serviceability

- **Inspection & Testing Frequency:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Availability of Spare Parts:**
- **Operational Lifespan:**

As per IS Standards 2190
 Annual Servicing Recommended
 Every 5 Years
 Valves, Hoses Replacements Available
 10 Years (Under Optimal Storage Conditions)

Physical Dimensions & Weight

| Specification | Details |
|--------------------------|----------------|
| Height | 480 ± 10 mm |
| Cylinder Diameter | 130 ± 5 mm |
| Empty Weight | Approx. 3.5 kg |
| Filled Weight | Approx. 7.5 kg |