

## PRODUCT OVERVIEW

<input checked="" type="checkbox"/> <b>Brand:</b>	Safex
<input checked="" type="checkbox"/> <b>Model Number:</b>	6-MASG50
<input checked="" type="checkbox"/> <b>Extinguisher Type:</b>	ABC Squeeze Grip (Portable)
<input checked="" type="checkbox"/> <b>Capacity:</b>	6 KG
<input checked="" type="checkbox"/> <b>Fire Classification:</b>	Class A B C
<input checked="" type="checkbox"/> <b>Fire Rating:</b>	4A 89B
<input checked="" type="checkbox"/> <b>Coverage Area:</b>	4.5 Meters for 13 sec. Minimum
<input checked="" type="checkbox"/> <b>Compliance Standards:</b>	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 <sup>2</sup> )
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 <sub>2</sub> 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	ULTRACOAT EP POLY (PO Red Shade 538)
19	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
20	Wall Bracket	MS powder coated



## PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	85% minimum within 25sec.
Effective Discharge Reach	4.5 meters
Hydraulic pressure test	36 KGF/CM <sup>2</sup>
Bursting pressure test	57 KGF/CM <sup>2</sup>
Working pressure	15 KGF/CM <sup>2</sup>
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 CM<sup>2</sup>)**
- 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

- **Inspection & Testing Frequency:**
- **Scheduled Maintenance:**
- **Refilling Interval:**
- **Operational Lifespan:**

As per IS Standards 2190  
 Annual Servicing Recommended  
 Every 5 Years  
 10 Years (Under Optimal Storage Conditions)

## Physical Dimensions & Weight

Specification	Details
<b>Height</b>	510 ± 10 mm
<b>Filler Opening</b>	63mm
<b>Cylinder Diameter</b>	160 ± 5 mm
<b>Empty Weight</b>	Approx. 4.1 kg
<b>Filled Weight</b>	Approx. 10.1 kg