

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Extinguisher Type:** Water (Stored pressure)
- ✓ **Capacity:** 60 LTR
- ✓ **Fire Classification:** Class A
- ✓ **Fire Rating:** 20A
- ✓ **Coverage Area:** 6 Meters for 13 sec. Minimum
- ✓ **Compliance Standards:** IS 16018:2012

### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	4mm Low Carbon Steel Sheet
2	Washer	Rubber (IS:5386 Type 3)
3	Valve	Brass
3	Nozzle	PVC
4	Hose	4m Braided PVC (Burst pressure- 50 cm <sup>2</sup> )
5	Neck Ring	Seamless MS
6	Pressure gauge	As per IS:16018
7	Syphone tube	Mild Steel
8	Drain plug	Brass
9	Trolley wheel	Wheel with solid fiber type 300 X 50 x 25 mm
10	External coating	ULTRACOAT EP POLLY (PO Red Shade 538)
11	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting



### PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	85% minimum within 20sec.
Effective Discharge Reach	6 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	5°C to +60°C
Type Test as per IS:16018:2012	

## Testing & Quality Assurance

- Hydrostatic Pressure Evaluation IS16018:2012
- 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

## Certifications & Compliance Approvals

- IS 16018 Certification
- BIS Regulatory Endorsement
- ISO 9001:2015 Accreditation
- CE Mark Conformity
- Eco-Friendly & Safe for Enclosed Spaces

## Maintenance & Serviceability

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

## 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

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

## Physical Dimensions

Specification	Details
Height	1100 ± 10 mm
Cylinder Diameter	400 + 10 mm