

### PRODUCT OVERVIEW

✓ <b>Brand:</b>	Safex
✓ <b>Model Number:</b>	9-SMF6N
✓ <b>Extinguisher Type:</b>	M. Foam Stored Pressure (Portable)
✓ <b>Capacity:</b>	9 LTR
✓ <b>Fire Classification:</b>	Class A B
✓ <b>Fire Rating:</b>	4A 233B
✓ <b>Coverage Area:</b>	2 Meters for 15 sec. Minimum
✓ <b>Compliance Standards:</b>	IS 15683:2018

### STANDARD MATERIALS OF CONSTRUCTION

No	Component	Material
1	Cylinder	1.5mm Stainless Steel Sheet
2	Valve	Brass Forged
3	Nozzle & Discharge fittings	PVC and Mild Steel
4	Hose	Braided PVC (Burst pressure- 50 cm <sup>2</sup> )
5	O-Ring	Rubber
6	Spindle	Brass
7	Spring	Steel
8	Pressure gauge	Brass
9	Syphon tube	Plastic
10	Charge	AFFF 6% - 540ml (IS: 4989)
11	Wall Bracket	MS powder coated
12	PVC base	UV resistant with no colour fading



### PERFORMANCE & ROUTINE TEST

Minimum Discharge Duration	95% minimum within 60sec.
Effective Discharge Reach	2 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: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

## Certifications & Compliance Approvals

- IS 15683:2018 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 3 Years  
10 Years (Under Optimal Storage Conditions)

## Physical Dimensions & Weight

Specification	Details
Height	585 ± 10 mm
Cylinder Diameter	185 ± 5 mm
Empty Weight	Approx. 3.7 kg
Filled Weight	Approx. 12.7 kg

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- ✓ **Brand:** Safex
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6	Spindle	Brass
7	Spring	Steel
8	Pressure gauge	Brass
9	Syphon tube	Plastic
10	Charge	AFFF 3% - 270ml (IS: 4989)
11	Wall Bracket	MS powder coated
12	PVC base	UV resistant with no colour fading



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