

### PRODUCT OVERVIEW

- ✓ **Brand:** Safex
- ✓ **Model Number:** 9-MMF6N
- ✓ **Extinguisher Type:** M. Foam Stored Pressure (Portable)
- ✓ **Capacity:** 9 LTR
- ✓ **Fire Classification:** Class A B
- ✓ **Fire Rating:** 4A 233B
- ✓ **Coverage Area:** 2 Meters for 15 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 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	External coating	ULTRACOAT EP POLY (PO Red Shade 538)
12	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
13	Wall bracket	MS powder coated
14	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

## 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:** As per IS Standards 2190
- **Scheduled Maintenance:** Annual Servicing Recommended
- **Refilling Interval:** Every 3 Years
- **Operational Lifespan:** 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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5	O-Ring	Rubber
6	Spindle	Brass
7	Spring	Steel
8	Pressure gauge	Brass
9	Syphon tube	Plastic
10	Charge	AFFF 3% - 270ml (IS: 4989)
11	External coating	ULTRACOAT EP POLY (PO Red Shade 538)
12	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
13	Wall mounting bracket	MS powder coated
14	PVC base	UV resistant with no colour fading



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