(9-MMFSG3N) - Datasheet

Powering your way to safety
Since 1972

Mechanical Foam Squeeze grip-9-LTR-Fire-Extinguisher

PRODUCT OVERVIEW

- **Brand:** Safex
- **Model Number:** 9-MMFSG3N
- **Extinguisher Type:** M.Foam Squeeze grip(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	Handle	Mild Steel
4	Plunger	Brass
5	Nozzle & Discharge fittings	PVC and Mild Steel fittings
6	Hose	Braided PVC (Burst pressure- 50 cm^2)
7	O-Ring	Rubber
8	Spring	Steel
9	Syphon tube	Plastic
10	Neck Ring	Mild Steel pipe
11	Check Nut	Brass
12	CO_2 Cartridge	Mild Steel, IS: 4947
13	Piercer	Stainless Steel
14	Charge	AFFF 3% - 270ml (IS: 4989)
15	External coating	ULTRACOAT EP POLY (PO Red Shade 538)
16	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
17	Wall Bracket	MS powder coated
18	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^2
Bursting pressure test	57 KGF/CM^2
Working pressure	15 KGF/CM^2
Operating Temperature Range	0°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^2)
- ☑ **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:** 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	590 ± 10 mm
Cylinder Diameter	185 ± 5 mm
Empty Weight	Approx. 5.2 kg
Filled Weight	Approx. 14.2 kg

(9-MMFSG6N) - Datasheet

Mechanical Foam Squeeze grip-9-LTR-Fire-Extinguisher

PRODUCT OVERVIEW

- **Brand:** Safex
- **Model Number:** 9-MMFSG6N
- **Extinguisher Type:** M. Foam Squeeze grip(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	Handle	Mild Steel
4	Plunger	Brass
5	Nozzle & Discharge fittings	PVC and Mild Steel fittings
6	Hose	Braided PVC (Burst pressure- 50 cm^2)
7	O-Ring	Rubber
8	Spring	Steel
9	Syphon tube	Plastic
10	Neck Ring	Mild Steel pipe
11	Check Nut	Brass
12	CO_2 Cartridge	Mild Steel, IS: 4947
13	Piercer	Stainless Steel
14	Charge	AFFF 6% - 540ml (IS: 4989)
15	External coating	ULTRACOAT EP POLY (PO Red Shade 538)
16	Corrosion Resistance	Anti-Corrosive Epoxy Coating Applied Externally after Shot blasting
17	Wall Bracket	MS powder coated
18	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^2
Bursting pressure test	57 KGF/CM^2
Working pressure	15 KGF/CM^2
Operating Temperature Range	0°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^2)
- ☑ **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:** 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	590 ± 10 mm
Cylinder Diameter	185 ± 5 mm
Empty Weight	Approx. 5.2 kg
Filled Weight	Approx. 14.2 kg