Silicone Fiberglass Fire-proof Tube SFT1500

· Fiberglass Sleeving Series



Description

SFT1500 utilizes an alkali-free fiberglass braid with iron oxide red silicone coating. Significantly thicker than standard insulation sleeves, it blocks 1650°C short-term thermal spikes while delivering exceptional fireproofing, flame retardancy, thermal insulation, chemical/acid resistance, and anti-aging properties.

Standard / Certification

ASTM D3755-20 · VW-1

Technical indicators

Mode	Measures	Fire Resistance	Temperature	Average Voltage	Individual Value
SFT1500	EN 6059-501:2010ASTM D3755-20	VW-1(SAE J369)	-70°C~+260°C (short-term 1650°C)	7000V	6000V

Part No	Nominal I.D	Thickness(mm)	Reel Length(m/reel)
SFT150000607	6.0 ± 1.0	1.8 ± 0.2	20
SFT150000807	8.0 ± 1.0	1.9 ± 0.2	20
SFT150001007	10.0 ± 1.0	2.0 ± 0.2	20
SFT150001307	13.0 ± 1.0	2.1 ± 0.2	20
SFT150001507	15.0 ± 1.0	2.2 ± 0.2	20
SFT150001707	17.0 ± 1.0	2.3 ± 0.2	20
SFT150001907	19.0 ± 1.0	2.4 ± 0.2	20
SFT150002007	20.0 ± 1.0	2.6 ± 0.2	20
SFT150002207	22.0 ± 1.0	2.7 ± 0.2	20
SFT150002507	25.0 ± 1.0	2.8 ± 0.2	20
SFT150002807	28.0 ± 1.0	3.0 ± 0.3	20
SFT150003007	30.0 ± 1.0	3.0 ± 0.3	20
SFT150003207	32.0 ± 1.5	3.1 ± 0.3	20
SFT150003507	35.0 ± 1.5	3.2 ± 0.3	20
SFT150003807	38.0 ± 1.5	3.3 ± 0.3	20
SFT150004007	40.0 ± 1.5	3.4 ± 0.3	20
SFT150004507	45.0 ± 1.5	3.5 ± 0.4	20
SFT150004807	48.0 ± 1.5	3.5 ± 0.4	20

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Product specifications (SFT1500

SFT150005007	50.0 ± 2.0	3.7 ± 0.4	20
SFT150005507	55.0 ± 2.0	3.7 ± 0.4	20
SFT150006007	60.0 ± 2.0	3.8 ± 0.4	20
SFT150006507	65.0 ± 2.0	3.9 ± 0.4	20
SFT150007007	70.0 ± 2.0	4.0 ± 0.4	20
SFT150007507	75.0 ± 2.0	4.1 ± 0.4	20
SFT150008007	80.0 ± 2.5	4.2 ± 0.4	20
SFT150008507	85.0 ± 2.5	4.3 ± 0.4	20
SFT150009007	90.0 ± 2.5	4.4 ± 0.5	20
SFT150009507	95.0 ± 2.5	4.5 ± 0.5	20
SFT150010007	100.0 ± 2.5	4.6 ± 0.5	20
SFT150010507	105.0 ± 2.5	4.7 ± 0.5	20
SFT150011007	110.0 ± 3.0	4.8 ± 0.5	20
SFT150011507	115.0 ± 3.0	4.9 ± 0.5	20
SFT150012007	120.0 ± 3.0	5.0 ± 0.55	20
SFT150012507	125.0 ± 3.0	5.1 ± 0.5	20
SFT150013007	130.0 ± 3.0	5.2 ± 0.5	20
SFT150014007	140.0 ± 4.0	5.4 ± 0.5	20
SFT150015007	150.0 ± 4.0	5.6 ± 0.5	20
SFT150015507	155.0 ± 4.0	5.7 ± 0.5	20

Product specifications (SFT1500 Product Usage Scenarios

Property	
Flammability(SAE J369)	Pass
Thermal conductivity(ASTM E1530)	Pass
) Dielectric Strength PRE Thermal Runaway (AC and DC)(EN 6059-501:2010 ASTM D3755-20)	Pass
Thermal runaway(1100°C	Pass

Notes

- It can be cut to a fixed length as required.
- Other sizes can be customized upon request

Product Advantages

- **Wide Working Temperature Range**
  - Stable long-term operation from -70℃ to 260℃, suitable for both extremely cold and high-temperature environments.
- **Extreme Thermal Shock Resistance**
  - Withstands1650℃ short-term thermal spikes (transient) without melt-through or failure.
- **Molten Metal Splash Protection**
  - Effectively blocks molten metal splash from welding, smelting, and similar operations, protecting pipelines and cables.
- **Multi-Layer Protective Properties**
  - Integrates six key properties: fireproofing, flame retardancy, thermal insulation, heat preservation, acid/alkali resistance, and anti-aging.

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Product Advantages (continued)

- **Chemical & Aging Resistance**
- Resistant to chemical corrosion, ozone, and aging — long service life.
- **Heavy-Duty Construction**
- Wall thickness 1.8—5.7 mm (depending on spec), thicker than standard insulation sleeves.

Application Scenarios

- **Steel & Metallurgy Industry**
- High-temperature pipeline and cable protection in steel mills and smelting plants.
- **Glass Manufacturing**
- Thermal insulation and protection for equipment and pipelines in high-temperature zones of glass factories.
- **Rail Transit**
- High-temperature cable protection for metros, high-speed rail vehicles, and trackside facilities.
- **Large Transformer Stations**
- Insulation and fire protection in power substations and transformer stations.
- **New Energy Battery Packs**
- Thermal insulation and flame-retardant protection for wiring harnesses inside EV battery packs.
- **Copper Busbar Protection**
- Safety protection for high-current copper busbars in distribution cabinets and busbar trunking systems.
- **Other High-Temp Industrial Scenarios**
- Suitable for all industrial pipeline and cable scenarios requiring fireproofing, flame retardancy, and thermal insulation.
- All the above test parameter values are typical values. For specific product test reports, please consult your sales representative.