

## 产品特点/ Product Features

- 工作温度  $-70^{\circ}\text{C}\sim 260^{\circ}\text{C}$   
Working Temperature
- 超高温耐受 (短期 $1650^{\circ}\text{C}$ )  
Ultra-High Temperature  
Resistance ( $1650^{\circ}\text{C}$   
short-term)
- 熔融金属飞溅防护  
Molten Metal Splash  
Protection
- 耐化学/抗臭氧/防老化  
Chemical/Ozone/Aging  
Resistance



**SFT1500** 采用无碱玻纤编织基材与氧化铁红硅胶涂层复合构成，比普通绝缘套管更加厚重，可隔绝  $1650^{\circ}\text{C}$  短期热冲击，具有非常突出的防火、阻燃、隔热、保温绝缘、抗酸碱、抗老化等性能。  
**SFT1500** utilizes an alkali-free fiberglass braid with iron oxide red silicone coating. Significantly thicker than standard insulation sleeves, it blocks  $1650^{\circ}\text{C}$  short-term thermal spikes while delivering exceptional fireproofing, flame retardancy, thermal insulation, chemical/acid resistance, and anti-aging properties.

### 产品应用/Applications

SFT1500 主要应用于钢铁厂、冶炼厂、玻璃厂、轨道交通、大型变压场所等高温场所的管道线路保护。另用于新能源电池包线束以及铜排防护。  
SFT1500 is primarily used for pipeline protection in high-temperature environments such as steel mills, smelting plants, glass factories, rail transit facilities, and large transformer stations. It is also used for new energy battery pack wiring harnesses and copper busbar protection.

我们的工厂已通过 ISO 9001、IATF 16949、ISO 14001、ISO 45001 和 军工 GJB9001C 认证。

Our manufacturing site has been certified by ISO 9001, IATF 16949, ISO 14001, ISO 45001 and military GJB9001C.

# 性能参数/Performance Parameter

检测项目 Test Items	测试方法 Test Method	测试结果 Test Results
易燃性 Flammability	SAE J369	符合 Pass
导热率 Thermal conductivity	ASTM E1530	符合 Pass
耐电压试验预热过热情况下的(交流和直流) Dielectric Strength PRE Thermal Runaway (AC and DC)	EN 6059-501:2010 ASTM D3755-20	符合 Pass
热失控 Thermal runaway	1100℃, 20分钟 1100℃, 20 minutes	符合 Pass

上述所有测试参数值均为典型值。产品测试报告详情请询销售代表。

All the above test parameter values are typical values. For specific product test reports, please consult your sales representative.

## 产品规格/Specifications

型号 Part No.	名义直径 Nominal I.D. (mm)	壁厚 Thickness (mm)	包装长度 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
SFT150005007	50.0 ± 2.0	3.6 ± 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

\*可根据要求裁切固定长度/It can be cut to a fixed length as required.

\*可根据要求订做其它尺寸/Other sizes can be customized upon request.

