



Model Number: SB-SGS-70

Working temperature: -60~240°C

Structure

It is braided by non-alkali fiberglass, then extruded with silicone rubber and treated in high temperature.

Characteristics

Flammability: self-extinguishing, wear resistance, tear resistance, good compatibility with same class impregnation varnishes, good mechanical resistance, very flexible.

Application

It is widely used in coil and winding industry (coils, motors, generators, transformers...); lighting, fixtures; transportation (mass transit, rail cars, locomotives...); commercial cookware (fryers, rotisseries, steamers...); heating and cooling; custom car markets and heavy truck market; and in many other industrial fields.

Specification

Item	Performance		Note
Dielectric breakdown voltage KV AC	Minimum average	≥7.0	Before aged
	Minimum single point	≥5.0	
	Minimum average	≥3.5	6 HRS* 245±5°C 245±5°C 6HRS AGING
	Minimum single point	≥2.5	
Thermal endurance	No indication of crack	OK	6 HRS* 245±5°C 245±5°C 6HRS AGING
Fire resistance	VW-1	OK	UL 1441

Dimension

Inside Diameter		Wall thickness (mm)	Standard package (m/roll)
Nominal(mm)	Tolerance(mm)		
φ2.0	+0.2, -0.1	≥0.37	200
φ3.0	+0.3, -0.1	≥0.42	200
φ4.0	+0.3, -0.1	≥0.42	200
φ5.0	+0.3, -0.1	≥0.51	200
φ6.0	+0.3, -0.1	≥0.51	200
φ7.0	+0.3, -0.1	≥0.56	100
φ8.0	+0.3, -0.1	≥0.56	100
φ9.0	+0.3, -0.1	≥0.66	100
φ10.0	+0.3, -0.1	≥0.66	100
φ12.0	+1.0, -1.0	≥0.66	100
φ14.0	+1.0, -1.0	≥0.66	50
φ16.0	+1.0, -1.0	≥0.66	50
φ18.0	+1.0, -1.0	≥0.66	50
φ20.0	+1.0, -1.0	≥0.76	50

Package: Packing by rolls or cut upon request.

Color: Standard color is red rust, other color available upon request. The colors of braided can be customized.