



**Model Number: SB-SGS-70**

Max Temperature Rating: 200°C, Max Working Voltage: 600V

**Structure**

It is braided by non-alkali fiberglass, then coated with silicone resin 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**

Internal wiring of electronics, electrical appliances and automotive, classes H and C motors, transformers, generators, heating apparatus, lighting, control, inverter, etc.

**Specification**

Item	Performance		Note
Dielectric breakdown voltage KV AC	Minimum average	≥7.0	Before aged
	Minimum single point	≥5.0	
	Minimum average	≥3.5	168 HRS* 265±5°C 265±5°C 168HRS Aging
	Minimum single point	≥2.5	
	No breakdown	/	1 KV IN 2% Salt water
Thermal endurance	No indication of crack	OK	1440 HRS* 235±5°C 235±5°C 1440HRS Aging
Fire resistance	VW-1	OK	UL 1441

**Dimension**

Nominal	Inside Diameter		Wall thickness (mm)	Standard package (m/roll)
	(mm)	Tolerance (mm)		
φ0.5		+0.2, -0.1	≥0.37	200
φ1.0		+0.2, -0.1	≥0.37	200
φ1.5		+0.2, -0.1	≥0.37	200
φ2.0		+0.2, -0.1	≥0.37	100
φ2.5		+0.3, -0.1	≥0.42	100
φ3.0		+0.3, -0.1	≥0.42	100
φ3.5		+0.3, -0.1	≥0.42	100
φ4.0		+0.3, -0.1	≥0.42	100
φ4.5		+0.3, -0.1	≥0.51	100
φ5.0		+0.3, -0.1	≥0.51	100
φ6.0		+0.3, -0.1	≥0.51	100
φ7.0		+0.3, -0.1	≥0.56	50
φ8.0		+0.3, -0.1	≥0.56	50
φ9.0		+0.3, -0.1	≥0.66	50
φ10.0		+0.3, -0.1	≥0.66	50
φ12.0		+1.0, -1.0	≥0.66	50
φ14.0		+1.0, -1.0	≥0.66	25
φ16.0		+1.0, -1.0	≥0.66	25
φ18.0		+1.0, -1.0	≥0.66	25
φ20.0		+1.0, -1.0	≥0.76	25
φ25.0		+1.0, -1.0	≥0.76	25
φ30.0		+1.0, -1.0	≥0.76	25

**Package:** Packing by rolls or cut upon request.

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