



Model Number: SB-SGS-40

Working temperature: -60~200°C

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	≥4.0	Before aged
	Minimum single point	≥3.0	
	Minimum average	≥3.0	6 HRS* 245±5°C 245±5°C 6HRS AGING
	Minimum single point	≥2.0	
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)		
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.