



Model Number: SB-SGS-25

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	≥2.5	Before aged
	Minimum single point	≥2.0	
	Minimum average	≥1.5	6 HRS* 245±5°C 245±5°C 6HRS Aging
	Minimum single point	≥1.0	
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	≥0.30	200
φ1.0	+0.2, -0.1	≥0.30	200
φ1.5	+0.2, -0.1	≥0.30	200
φ2.0	+0.2, -0.1	≥0.30	100
φ2.5	+0.3, -0.1	≥0.35	100
φ3.0	+0.3, -0.1	≥0.35	100
φ3.5	+0.3, -0.1	≥0.35	100
φ4.0	+0.3, -0.1	≥0.35	100
φ4.5	+0.3, -0.1	≥0.40	100
φ5.0	+0.3, -0.1	≥0.40	100
φ6.0	+0.3, -0.1	≥0.40	100
φ7.0	+0.3, -0.1	≥0.45	50
φ8.0	+0.3, -0.1	≥0.45	50
φ9.0	+0.3, -0.1	≥0.55	50
φ10.0	+0.3, -0.1	≥0.55	50
φ12.0	+1.0, -1.0	≥0.55	50
φ14.0	+1.0, -1.0	≥0.55	50
φ16.0	+1.0, -1.0	≥0.55	50
φ18.0	+1.0, -1.0	≥0.55	25
φ20.0	+1.0, -1.0	≥0.65	25
φ25.0	+1.0, -1.0	≥0.65	25
φ30.0	+1.0, -1.0	≥0.65	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.