

## Fiberglass sleeving coated silicone resin



**Model Number: SB-SGS-12**

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	≥1.2	Before aged
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	≥0.27	200
φ1.0	+0.2, -0.1	≥0.27	200
φ1.5	+0.2, -0.1	≥0.27	200
φ2.0	+0.2, -0.1	≥0.27	100
φ2.5	+0.3, -0.1	≥0.32	100
φ3.0	+0.3, -0.1	≥0.32	100
φ3.5	+0.3, -0.1	≥0.32	100
φ4.0	+0.3, -0.1	≥0.35	100
φ4.5	+0.3, -0.1	≥0.37	100
φ5.0	+0.3, -0.1	≥0.37	100
φ6.0	+0.3, -0.1	≥0.37	100
φ7.0	+0.3, -0.1	≥0.42	50
φ8.0	+0.3, -0.1	≥0.42	50
φ9.0	+0.3, -0.1	≥0.52	50
φ10.0	+0.3, -0.1	≥0.52	50
φ12.0	+1.0, -1.0	≥0.52	50
φ14.0	+1.0, -1.0	≥0.52	50
φ16.0	+1.0, -1.0	≥0.52	50
φ18.0	+1.0, -1.0	≥0.52	25
φ20.0	+1.0, -1.0	≥0.62	25
φ25.0	+1.0, -1.0	≥0.62	25
φ30.0	+1.0, -1.0	≥0.62	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.