

## Acrylic Fiberglass Sleeving



### Model Number: SB-AGS

Working temperature: -40°C ~ +155°C

### Structure

It is braided by superior fiberglass, then coated with acrylic resin and treated in suitable high temperature.

### Characteristics

Flame resistance, oil resistance, good compatibility with class F impregnation varnishes, good mechanical resistance, good fray resistance, etc.

### Application

Internal wiring of rotating and static machines, classes F motors, alternators, generators, transformers, sleeving for cable assemblies, all class F insulation, household electrical appliances, electrical heat devices, and special lamps, etc.

### Specification

Grade	Heat Resistance	Avg. Voltage	Lowest Voltage	Flame Resistance	Insulation Performance	Oil Resistance
SB-AGS-15	-40°C~+155°C	1500V	800V	Yes	Yes	Yes (no water resistance)
SB-AGS-25	-40°C~+155°C	2500V	1500V	Yes	Yes	Yes (no water resistance)
SB-AGS-40	-40°C~+155°C	4000V	2500V	Yes	Yes	Yes (no water resistance)
SB-AGS-70	-40°C~+155°C	7000V	5000V	Yes	Yes	Yes (no water resistance)

### Dimension

ID (mm)		Minimum Thickness			Packing (m/roll)
Nominal	Tolerance	Class A (7.0KV)	Class B (4.0KV)	Class C (2.5KV,1.5KV)	
0.5, 1.0, 1.5, 2.0	+0.20, -0.10mm	≥0.37mm	≥0.37mm	≥0.30mm	200
2.5, 3.0, 3.5, 4.0	+0.30, -0.10mm	≥0.42mm	≥0.42mm	≥0.35mm	100
4.5, 5.0, 5.5, 6.0	+0.30, -0.10mm	≥0.51mm	≥0.51mm	≥0.40mm	100
7.0, 8.0	+0.30, -0.10mm	≥0.56mm	≥0.56mm	≥0.45mm	50
9.0, 10.0, 12.0, 14.0, 16.0, 18.0	+1.00, -1.00mm	≥0.66mm	≥0.66mm	≥0.55mm	50
20.0, 22.0, 25.0	+1.00, -1.00mm	≥0.76mm	≥0.76mm	≥0.65mm	25

**Color:** Standard color is white (other color available upon request).