

BH-SRT

Silicon rubber and fiberglass braided tubing

Features/Applications:

BH-SRT silicon rubber and fiberglass braided tubing general Insulating protection for various household appliances, light fitting, machines , electronic instruments, etc.

- Two types: Inner fiberglass outside braided silicone rubber (SRT-N) Inner silicone rubber outside fiberglass braided(SRT-W);
- Good flexibility, arc resistance, corona-resistant;
- Operating temperature range: -60°C~ +200°C;
- RoHS Compliant;
- Color: White as standard, other colors are available on request.



Technical Data

Property	Test Method	Standard required
Dielectric strength (kV/mm)	IEC243	≥18
Volume resistance ( Ω. Cm)	IEC93	≥1X10 <sup>14</sup>
Tensile strength (Mpa)	ASTM D412	≥4 Mpa
Elongation	ASTM D412	≥201
Flammability (White color only)	ISO 1210	FV-1

Product Dimensions (mm)

BH-SRT-N

I.D (mm)	I.D tolerance (mm)	Average Wall Thickness (mm)			Package (M/Spool)
		1500V, 2500V	4000V	7000V	
0.5	0.5 ± 0.20	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
1.0	1.0 ± 0.20	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
1.5	1.5 ± 0.20	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
2.0	2.0 ± 0.20	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
2.5	2.5 ± 0.20	0.20 ± 0.05	0.40 ± 0.05	0.50 ± 0.05	100
3.0	3.0 ± 0.25	0.23 ± 0.05	0.40 ± 0.05	0.50 ± 0.05	100
3.5	3.5 ± 0.25	0.23 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
4.0	4.0 ± 0.25	0.23 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
4.5	4.5 ± 0.25	0.23 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
5.0	5.0 ± 0.35	0.30 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
6.0	6.0 ± 0.35	0.30 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	100
7.0	7.0 ± 0.50	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
8.0	8.0 ± 0.50	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
9.0	9.0 ± 0.50	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
10.0	10.0 ± 0.70	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	50
12.0	12.0 ± 0.70	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
13.0	13.0 ± 0.70	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
14.0	14.0 ± 0.70	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
15.0	15.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
16.0	16.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30

17.0	17.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
18.0	18.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
19.0	19.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30
20.0	20.0 ± 0.80	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	30

**BH-SRT-W**

I.D (mm)	I.D. tolerance (mm)	Average Wall Thickness (mm)			Package (M/Spool)
		1500V, 2500V	4000V	7000V	
1.0	1.0 ± 0.15	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
2.0	2.0 ± 0.15	0.20 ± 0.05	0.40 ± 0.05	0.45 ± 0.05	100
3.0	3.0 ± 0.15	0.23 ± 0.05	0.40 ± 0.05	0.50 ± 0.05	100
4.0	4.0 ± 0.15	0.23 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
5.0	5.0 ± 0.20	0.30 ± 0.05	0.45 ± 0.05	0.55 ± 0.05	100
6.0	6.0 ± 0.20	0.30 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	100
7.0	7.0 ± 0.20	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
8.0	8.0 ± 0.25	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
9.0	9.0 ± 0.25	0.35 ± 0.05	0.50 ± 0.05	0.60 ± 0.05	50
10.0	10.0 ± 0.25	0.43 ± 0.05	0.60 ± 0.05	0.60 ± 0.05	50