

**SRG-N/W**

Silicone Rubber Braided Tube

General insulating protection for various household appliances, light fitting, machines, electronic instruments, etc

**Features**

Two types: Inner fiberglass outside braided silicone rubber(SRG-N)

Inner silicone rubber outside fiberglass braided(SRG-W)

Operating temperature:- 55°C- 200°C

RoHS compliant; UL approved

Good flexibility, arc resistance, corona resistance

Standard color: white (Other colors upon request)

**Technical Data**

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	≥ 10.4	11,5
Elongation(%)	ASTM D2671	≥ 300	450
Tensile Strength after aging (MPa)	UL224 158°CX168hr	≥ 7.3	8,5
Elongation after aging(%)	UL224 158°CX168hr	≥ 200	350
Dielectric strength(kv/mm)	IEC243	≥ 15	17,5
Volume resistivity(Ω.cm)	A STM D876	≥ 1X10 <sup>14</sup>	2.5X10 <sup>14</sup>

**Adhesive**

Property	Test Method	Standard
Water Absorption	ASTM D570	≤ 0.2%
Softening Point(°C)	ASTM E28	95
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80 N/25mm

**SRG-N**

Size mm	Internal Dia. Mi(mm)	Average Wall Thickness (mm)			Package M/Spool
		1500V, 2500V	400V	7000V	
0.05	0.5 ± 0.30	0.20 ± 0.10	0.40 ± 0.10	0.45 ± 0.10	100
1.00	1.0 ± 0.30	0.20 ± 0.10	0.40 ± 0.10	0.45 ± 0.10	100
1.05	1.5 ± 0.30	0.20 ± 0.10	0.40 ± 0.10	0.45 ± 0.10	100
2.00	2.0 ± 0.30	0.20 ± 0.10	0.40 ± 0.10	0.45 ± 0.10	100
2.05	2.5 ± 0.30	0.20 ± 0.10	0.40 ± 0.10	0.50 ± 0.10	100
3.00	3.0 ± 0.35	0.23 ± 0.10	0.40 ± 0.10	0.50 ± 0.10	100
3.05	3.5 ± 0.35	0.23 ± 0.10	0.45 ± 0.10	0.55 ± 0.10	100
4.00	4.0 ± 0.35	0.23 ± 0.10	0.45 ± 0.10	0.55 ± 0.10	100
4.05	4.5 ± 0.35	0.23 ± 0.10	0.45 ± 0.10	0.55 ± 0.10	100
5.00	5.0 ± 0.45	0.30 ± 0.10	0.45 ± 0.10	0.55 ± 0.10	100
6.00	6.0 ± 0.45	0.30 ± 0.10	0.50 ± 0.10	0.60 ± 0.10	100
7.00	7.0 ± 0.60	0.35 ± 0.10	0.50 ± 0.10	0.60 ± 0.10	50
8.00	8.0 ± 0.60	0.35 ± 0.10	0.50 ± 0.10	0.60 ± 0.10	50
9.00	9.0 ± 0.60	0.35 ± 0.10	0.50 ± 0.10	0.60 ± 0.10	50
10.00	10.0 ± 0.80	0.43 ± 0.10	0.60 ± 0.10	0.65 ± 0.10	50
12.00	12.0 ± 0.80	0.43 ± 0.10	0.60 ± 0.10	0.65 ± 0.10	50

**SRG-W**

Size mm	Normal Dimension (mm)			Standard Package (m/spool)
	Internal diameter(mm)	Wall thickness (mm)	Average Wall Thickness (mm)	
1.00	1.0 ± 0.30	0.60	0.45 ± 0.05	200
2.00	2.0 ± 0.30	0.60	0.45 ± 0.05	200
3.00	3.0 ± 0.30	0.80	0.50 ± 0.05	100
4.00	4.0 ± 0.30	0.80	0.55 ± 0.05	100
5.00	5.0 ± 0.40	0.80	0.55 ± 0.05	100
6.00	6.0 ± 0.40	1.00	0.60 ± 0.05	100
7.00	7.0 ± 0.40	1.00	0.60 ± 0.05	50
8.00	8.0 ± 0.50	1.00	0.60 ± 0.05	50
9.00	9.0 ± 0.50	1.20	0.60 ± 0.05	50
10.00	10.0 ± 0.50	1.20	0.60 ± 0.05	50