



SRG-N

Fiber inside silicone resin outside fiberglass sleeving

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



Features

- SRG-N is made of no-alkali fiberglass yarn woven into the tube, and then coated with silicone resin by high temperature treatment.
- Flame resistance, wear resistance, tear resistance, flexible, insulation
- Standard color: white (Other colors upon request)
- Reference standard: UL1441

Dimensions

Size	I.D. (mm)		Min W.T. (mm)				Packing standard M/Spool
	Allowance		SRG-N-15	SRG-N-25	SRG-N-40	SRG-N-70	
0.5	+0.3,-0.1		≥0.24	≥0.26	≥0.36	≥0.38	200
1.0	+0.3,-0.1		≥0.24	≥0.26	≥0.36	≥0.38	200
1.5	+0.3,-0.1		≥0.24	≥0.26	≥0.36	≥0.38	200
2.0	+0.3,-0.1		≥0.24	≥0.26	≥0.36	≥0.38	200
2.5	+0.3,-0.1		≥0.24	≥0.26	≥0.36	≥0.38	100
3.0	+0.3,-0.1		≥0.26	≥0.28	≥0.38	≥0.41	100
3.5	+0.3,-0.1		≥0.26	≥0.28	≥0.38	≥0.41	100
4.0	+0.3,-0.1		≥0.26	≥0.28	≥0.38	≥0.41	100
4.5	+0.3,-0.1		≥0.26	≥0.28	≥0.38	≥0.41	100
5.0	+0.3,-0.1		≥0.31	≥0.33	≥0.41	≥0.46	100
6.0	+0.3,-0.1		≥0.31	≥0.33	≥0.41	≥0.46	100
7.0	+0.3,-0.1		≥0.31	≥0.33	≥0.41	≥0.46	100
8.0	+0.3,-0.1		≥0.31	≥0.33	≥0.41	≥0.46	50
9.0	+0.3,-0.1		≥0.31	≥0.33	≥0.41	≥0.46	50
10.0	+0.3,-0.1		≥0.41	≥0.43	≥0.46	≥0.51	50
12.0	+1.0,-1.0		≥0.41	≥0.43	≥0.46	≥0.51	50
13.0	+1.0,-1.0		≥0.41	≥0.43	≥0.46	≥0.51	50
14.0	+1.0,-1.0		≥0.41	≥0.43	≥0.46	≥0.51	50
18.0	+1.0,-1.0		≥0.41	≥0.43	≥0.46	≥0.51	50
20.0	+1.0,-1.0		≥0.41	≥0.43	≥0.46	≥0.51	25
25.0	+1.0,-1.0		≥0.46	≥0.48	≥0.51	≥0.56	25
30.0	+1.0,-1.0		≥0.46	≥0.48	≥0.51	≥0.56	25
35.0	+1.0,-1.0		≥0.46	≥0.48	≥0.51	≥0.56	25
40.0	+1.0,-1.0		≥0.46	≥0.48	≥0.51	≥0.56	25

Note:

- ① Sometimes the coating is unstable, the thickness measured value is allowed to fluctuate. But the value cannot be below the minimum wall thickness.
- ② The plug gauge for measuring the inner diameter and the vernier caliper for measuring the wall thickness data must be calibrated.
- ③ The former parameter is common production. Of course, other size can be customized.
- ④ If the Chinese and English content have some different things, the Chinese content is right.

Performance characteristics

Item	Performance index
Operating temperature (°C)	-40°C ~ +200°C
Temperature tolerance (°C)	200°C ±2°C X168h No Crack Voltage resistance ≥ 1/2 Original voltage value
Thermal ageing test	250°C X6h, No crack
Cold bend	No Crack
Vertical flame test	VW-1
Volume resistivity (Ω.cm)	≥ 10 ¹¹
Environmental standards	RoHS, REACH

Type	Voltage resistance grade (V)	Test voltage, keep 60s, no breakdown	
		Ave. (V)	Min. (V)
SRG-N-15	1500	1500	1000
SRG-N-25	2000	2500	1800
SRG-N-40	4000	4000	3000
SRG-N-70	7000	7000	5000



SRG-W

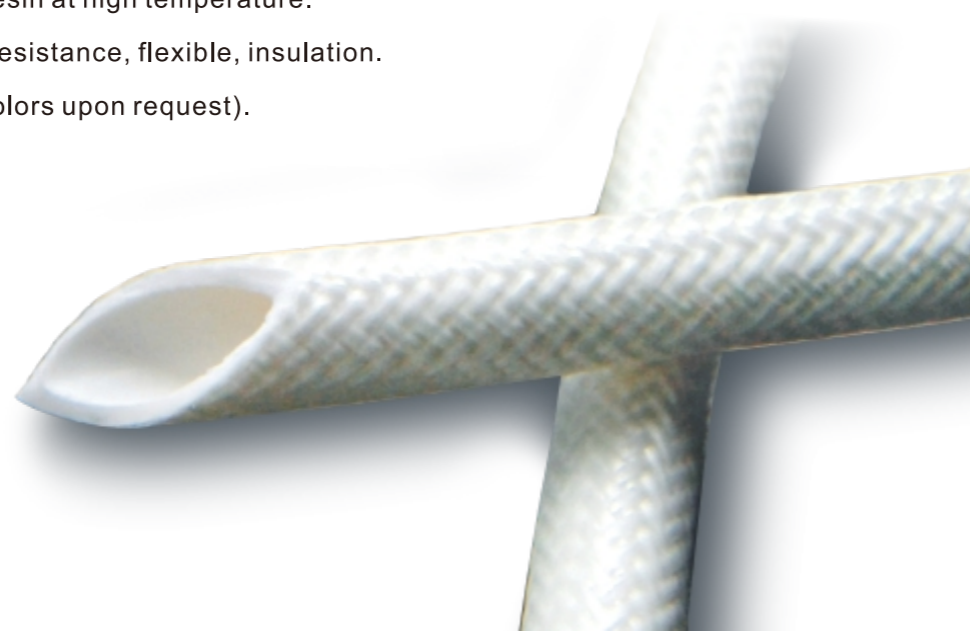
Silicone rubber inside fiberoutside fiberglass sleeving

General insulating protection for various household appliances, light



Features

- SRG-W is extruded into tubes by silicone rubber, which is wrap the woven fiberglass , and then coated with silicone resin at high temperature.
- VW-1, excellence mechanicalresistance, flexible, insulation.
- Standard color: white (Other colors upon request).



Dimensions

I.D. × O.D. (mm)	I.D. Allowance (mm)	Min W.T. (mm)	Packingstandard M/Spool
Φ1.5×2.5	+0.3,-0.2	≥0.45	200
Φ2.0×3.0	+0.3,-0.2	≥0.45	200
Φ2.5×4.0	+0.3,-0.2	≥0.60	200
Φ3.0×4.5	+0.3,-0.2	≥0.70	100
Φ3.5×5.0	+0.3,-0.2	≥0.70	100
Φ4.0×5.5	+0.3,-0.2	≥0.70	100
Φ4.5×6.0	+0.3,-0.2	≥0.70	100
Φ5.0×7.0	+0.4,-0.2	≥0.95	100
Φ6.0×8.0	+0.4,-0.2	≥0.95	100
Φ7.0×9.0	+0.5,-0.2	≥0.95	100
Φ8.0×10.0	+0.5,-0.2	≥0.90	50
Φ9.0×11.0	+0.5,-0.2	≥0.90	50
Φ10.0×12.0	+0.5,-0.2	≥0.90	50

Note:

- ① Sometimes the coating is unstable, the thickness measured value is allowed to fluctuate. But the value cannot below the minimum wall thickness.
- ② The plug gauge for measuring the inner diameter and the vernier caliper for measuring the wall thickness data must be calibrated.
- ③ The former parameter is common production. Of course, other size can be customized.
- ④ If the Chinese and English content have some different things, the Chinese content is right.

Performance characteristics

Item	Performance index
Operating temperature (℃)	-40℃ ~+200℃
Temperature tolerance (℃)	200℃ ±2℃ × 168h ≥ 1/2 Original voltage value
Cold bend	No Crack
Vertical flame test	VW-1
Environmental standards	RoHS, REACH

Type	Voltage resistance grade (V)	Test voltage, keep 60s, no breakdown	
		Ave. (V)	Min. (V)
SRG-W	≥7000	≥7000	≥5000

Note: The lowest voltage resistance grade of the SRG-W is 7000V.