



# SR

## Silicone Rubber Coated Fiberglass Sleeving



### Product Description

Grayline Silicone Rubber Coated Fiberglass is made by applying silicone rubber onto premium electrical grade braided fiberglass sleeving. This sleeving is resistant to weathering, flex fatigue and heat degradation. It can be used in extreme temperature applications requiring flexibility, abrasion, and chemical resistance. It is commonly used in automotive and appliance wiring harnesses, as well as terminal and lead insulation and protection.

*Standard Packaging: Reels or Cut to Customer Specifications.  
Standard Color: Black, White, Iron Oxide Red,  
Special Colors and Sizes Available Upon Request*

### Specifications

- NEMA TF-1, Type 5
- UL VW-1
- UL/CSA 200°C 600V (Grade A only)
- MIL-I-3190/6 (Grade A only)
- EU Directive 2011/65/EU(RoHS2)
- EU Directive 2015/863 (RoHS3)

### Features

- Thermal Class "H": 200°C
- Brittle point is -70°C
- Cut Through and Abrasion Resistant
- Resistant to moisture, corona, ozone, fungus, chemicals, and radiation.
- If the VW-1 flammability rating is not required, we can offer most sizes and colors in a general purpose grade SR sleeving.

Dielectric Grade	Min. Avg. Breakdown, V	Min. Individual Breakdown, V
A	8000	5000
B	4000	2500
C-1	2500	1500

NEMA Size	Max. ID (inches)	Min. ID (inches)
24	0.027	0.020
22	0.032	0.025
20	0.039	0.032
19	0.044	0.036
18	0.049	0.040
17	0.054	0.045
16	0.061	0.051
15	0.067	0.057
14	0.074	0.064
13	0.082	0.072
12	0.091	0.081
11	0.101	0.091
10	0.112	0.102
9	0.124	0.114
8	0.141	0.122
7	0.158	0.144

NEMA Size	Max. ID (inches)	Min. ID (inches)
6	0.178	0.162
5	0.198	0.182
2	0.278	0.258
1	0.311	0.289
0	0.347	0.325
3/8"	0.399	0.375
7/16"	0.462	0.438
1/2"	0.524	0.500
5/8"	0.655	0.625
3/4"	0.786	0.750
7/8"	0.911	0.875
1"	1.036	1.000
1-1/4"	1.286	1.250
1-1/2"	1.536	1.500

*The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.*