

Suflex[®] Silicone Rubber – HD

Silicone Elastomer Bonded to Fiberglass Braided Sleeving

Temp Class: Class H (200° C)

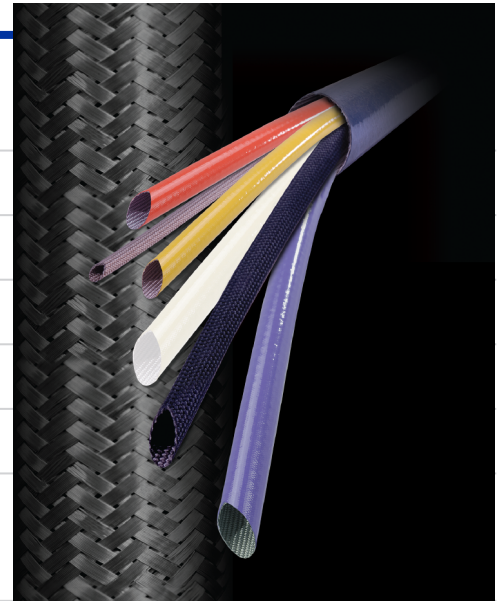
Grades Available: 15,000 V, A (8,000 V), B (4,000 V), C-1 (2,500 V)

Material: Silicone Coated Fiberglass

Sizes Available: AWG #24 through 2" I.D.

Colors Available: Black, White, Natural, Red Iron Oxide

Applicable Standards: UL Recognized Component and VW-1 Flame Rating under file no. E63446 (Grade A), NEMA TF-1 Type 5, MIL-I-3190/6 (Grade A)



Features

- ▶ High durometer rating, providing excellent abrasion resistance and rigidity.
- ▶ Resistant to ozone, corona, radiation, moisture, compression set, weathering, fungus and chemical attack.
- ▶ Designed to maintain flexibility over wide operating temperature extremes, -75°C to 220°C.
- ▶ 15 kV grade available by request.
- ▶ Specialty colors available by request.

Product Description

Suflex Silicone Rubber-HD fiberglass sleeving consists of a silicone elastomer securely bonded to its supporting fiberglass braid. It is designed to remain flexible over operating temperature extremes of -75°C to 220°C. Suflex Silicone Rubber-HD provides top performance in high temperature applications where no other sleeving can be used.

Suggested Applications

Suflex Silicone Rubber-HD sleeving is suitable for high altitude and aerospace applications. It is recommended for apparatus leads, appliance and fixture wire insulation, heating cable, ignition systems, relay leads and aircraft wire where a 200+°C thermal rating is required. It is particularly well suited as heavy duty insulation where subjected to high heat such as in die-casting and plastic molding and in numerous military electronic applications.

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Sizes Available

Size	Inside Diameter, in. (mm)		Nominal I.D.
	Maximum	Minimum	
24 AWG	0.027 (0.69)	0.020 (0.51)	0.022
22 AWG	0.032 (0.81)	0.025 (0.64)	0.027
20 AWG	0.039 (0.99)	0.032 (0.81)	0.034
19 AWG	0.044 (1.11)	0.036 (0.91)	0.040
18 AWG	0.049 (1.25)	0.040 (1.02)	0.042
17 AWG	0.054 (1.37)	0.045 (1.14)	0.047
16 AWG	0.061 (1.55)	0.051 (1.30)	0.053
15 AWG	0.067 (1.70)	0.057 (1.45)	0.059
14 AWG	0.074 (1.88)	0.064 (1.63)	0.066
13 AWG	0.082 (2.08)	0.072 (1.83)	0.076
12 AWG	0.091 (2.31)	0.081 (2.06)	0.085
11 AWG	0.101 (2.60)	0.091 (2.31)	0.095
10 AWG	0.112 (2.80)	0.102 (2.60)	0.106
9 AWG	0.124 (3.20)	0.114 (2.90)	0.118
8 AWG	0.141 (3.60)	0.129 (3.30)	0.133
7 AWG	0.158 (4.00)	0.144 (3.70)	0.148
6 AWG	0.178 (4.50)	0.152 (4.10)	0.166
5 AWG	0.198 (5.00)	0.182 (4.60)	0.186
4 AWG	0.224 (5.70)	0.204 (5.20)	0.208
3 AWG	0.249 (6.30)	0.229 (5.80)	0.234
2 AWG	0.278 (7.10)	0.258 (6.60)	0.263
1 AWG	0.311 (7.90)	0.289 (7.30)	0.294
0 AWG	0.347 (8.80)	0.325 (8.30)	0.330
3/8"	0.399 (10.10)	0.375 (9.50)	0.375
7/16"	0.462 (11.70)	0.438 (11.10)	0.438
1/2"	0.524 (13.30)	0.500 (12.70)	0.500
5/8"	0.655 (16.70)	0.625 (15.90)	0.625
3/4"	0.786 (20.00)	0.750 (19.10)	0.750
7/8"	0.911 (23.20)	0.875 (22.20)	0.875
1"	1.036 (26.30)	1.000 (25.40)	1.000
1-1/8"	1.161 (29.60)	1.125 (28.70)	1.125
1-1/4"	1.286 (32.80)	1.250 (31.90)	1.250
1-1/2"	1.536 (39.20)	1.500 (38.30)	1.500
1-3/4"	1.786 (45.50)	1.750 (44.60)	1.750
2"	2.036 (51.90)	2.000 (51.00)	2.000

*All Atkins & Pearce coated insulation solutions are REACH and RoHS compliant.