

Suflex[®] Acryflex-F

Acrylic Resin Coated Fiberglass Sleeving

Temp Class: Class F (155° C), Class S (240°C) for Grade C-3

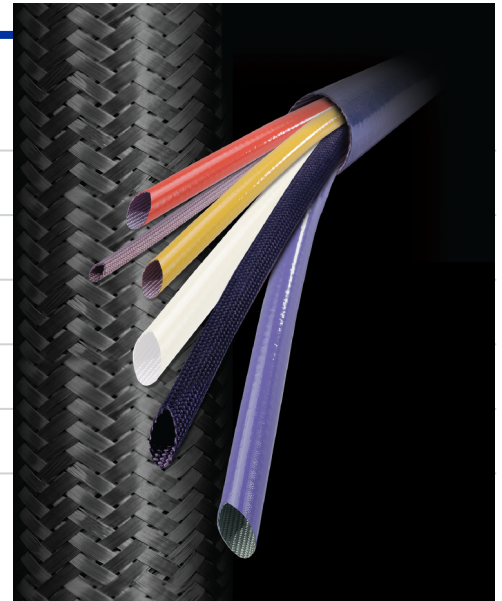
Grades Available: A (7,000 V), B (4,000 V), C-1 (2,500 V), C-2 (1,500 V), C-3

Material: Acrylic Coated Fiberglass

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

Colors Available: Natural, Black, Red, Yellow

Applicable Standards: UL Recognized Component (Grade A) under file no. E63446, VW-1 Flame Rating (Grade C-3) under file no. E15253, NEMA TF-1 Type 6, MIL-I-3190/3 (Grade A)



Features

- ▶ Compatible with most magnet wire coatings such as polyester, acrylic, polyamide, polyimide, epoxy and phenolic.
- ▶ Resistant to oils, acids, alkalis and most organic solvents.
- ▶ 1/32 wall constructions available on special order in Grade A and Grade C
- ▶ Bends without cracking at -25°C.
- ▶ Grade C-3 available for space factor insulation.

Product Description

Suflex Acryflex-F fiberglass sleeving is a Class F electrical insulation, manufactured by impregnating and coating a finely braided fiberglass sleeving with a dielectric film of acrylic resin. Suflex Acryflex-F sleeving is recommended as a universal coated sleeving for all thermal requirements from Class 105°C through Class 155°C. Suflex Acryflex-F sleeving has superior mechanical and electrical properties, providing its rated dielectric strength during and after the most severe handling in your application.

Suggested Applications

Suflex Acryflex-F sleeving is widely used in fractional and integral horsepower motors on leads and crossovers. Other uses exist in dry and oil-filled transformers, relays of many types, radio and television circuits, and welding apparatuses.

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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.