

Suflex[®] Acryflex-F

Acrylic Resin Coated Fiberglass Slewing

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

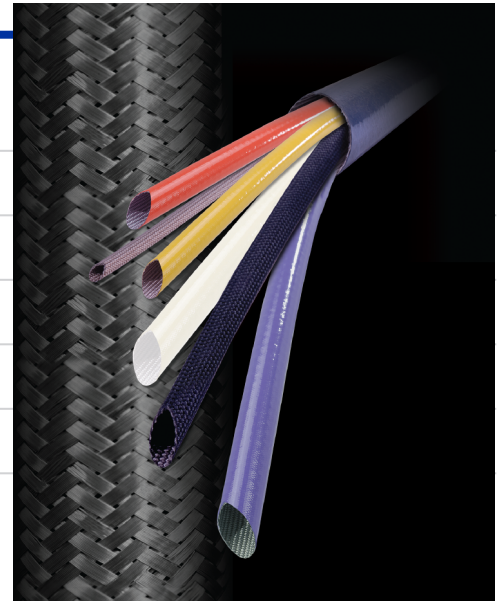
Grades Available: A (7,000 V), B (4,000 V), C-1 (2,500 V), C-2 (1,500 V), C-3

Material: Acrylic Coated Fiberglass

Sizes Available: AWG #24 through 1 3/4" 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)	0.162 (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

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





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Ordering Information

Product	Grade	Size	Color	Packing Code
01 = Acryflex-F	1 = A	0024 = AWG #24	01 = Black	1 = Spool
	2 = B	0022 = AWG #22	03 = Red	Y = Cut Piece
	3 = C1	0020 = AWG #20	05 = Yellow	
	4 = C2	0019 = AWG #19	11 = Natural	
	5 = C3	0018 = AWG #18		
		0017 = AWG #17		
		0016 = AWG #16		
		0015 = AWG #15		
		0014 = AWG #14		
		0013 = AWG #13		
		0012 = AWG #12		
		0011 = AWG #11		
		0010 = AWG #10		
		0009 = AWG #9		
		0008 = AWG #8		
		0007 = AWG #7		
		0006 = AWG #6		
		0005 = AWG #5		
		0004 = AWG #4		
		0003 = AWG #3		
		0002 = AWG #2		
		0001 = AWG #1		
		0000 = AWG #0		
		0375 = 3/8"		
		0438 = 7/16"		
		0500 = 1/2"		
		0625 = 5/8"		
		0750 = 3/4"		
		0875 = 7/8"		
		1000 = 1"		
		1125 = 1-1/8"		
		1250 = 1-1/4"		
		1500 = 1-1/2"		
		1750 = 1-3/4"		

*Example: 0110006011 (Acryflex-F, Grade A, 6, Black, Spool)

