

# Ben-Har™ Acryl

## Acrylic Resin Coated Fiberglass Sleeving

Temp Class: Class F (155° C)

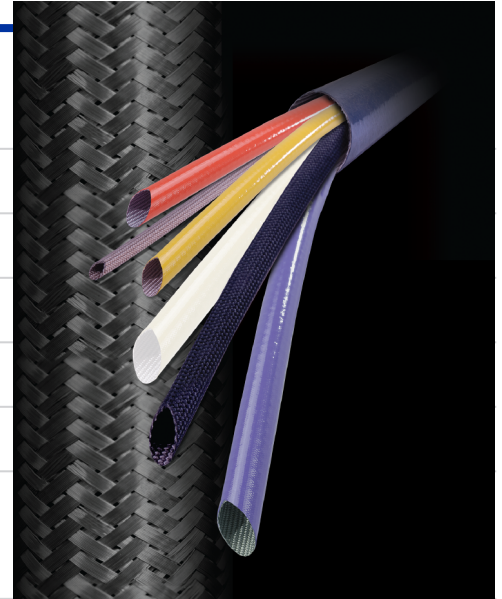
Grades Available: A (7,000 V), C (2,500 V)

Material: Acrylic Coated Fiberglass

Sizes Available: AWG #24 through 2"

Colors Available: Natural, Black, Yellow, Red

Applicable Standards: UL Recognized Component under file no. E63446 (Grade A, sizes up to 1"), NEMA TF-1 Type 6, MIL-I-3190/3 (Grade A)



## Features

- ▶ Highly craze resistant. Withstands severe bending with no loss of dielectric properties.
- ▶ Extremely tough and flexible. Able to withstand assembly handling, cut-through and mechanical stress.
- ▶ Coating film will not flow upon application of heat.
- ▶ Resistant to most acids and most organic solvents.

## Product Description

Ben-Har Acryl sleeving is manufactured by coating a lightly heat-treated braided fiberglass sleeving with a dielectric film of thermosetting polyacrylate resin qualified for Class F (155°C) systems. It is resistant to acids and most organic solvents and is compatible with a broad range of wire enamels - acrylic, polyester, polyamide, polyimide and polyvinylformal. Slight swelling is produced by aromatic solvents and chlorinated hydrocarbons. Ketones and esters have a softening effect.

## Suggested Applications

Ben-Har Acryl is widely used for its durability. Ben-Har Acryl can be used for 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
18 AWG	0.049 (1.25)	0.040 (1.02)	0.042
16 AWG	0.061 (1.55)	0.051 (1.30)	0.053
14 AWG	0.074 (1.88)	0.064 (1.63)	0.066
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
2"	2.036 (51.90)	2.000 (51.00)	2.000

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

\*Other sizes available upon request



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## Ordering Information

Product	Grade	Size	Color	Packing Code
300 = Acryl	01 = A	924 = AWG #24	01 = Natural	S = Spool
	03 = C	922 = AWG #22	03 = Black	Y = Cut Pieces
		920 = AWG #20	04 = Yellow	
		918 = AWG #18	05 = Red	
		916 = AWG #16		
		914 = AWG #14		
		912 = AWG #12		
		911 = AWG #11		
		910 = AWG #10		
		909 = AWG #9		
		908 = AWG #8		
		907 = AWG #7		
		906 = AWG #6		
		905 = AWG #5		
		904 = AWG #4		
		903 = AWG #3		
		902 = AWG #2		
		901 = AWG #1		
		900 = AWG #0		
		010 = 3/8"		
		011 = 7/16"		
		013 = 1/2"		
		016 = 5/8"		
		019 = 3/4"		
		022 = 7/8"		
		025 = 1"		

Product	Grade	Size	Color	Notes
300 Acryl	01 = Grade A	1029 = 1-1/8"	01 = Natural	Cut in 36" in lengths Larger sizes available upon request
		1032 = 1-1/4"		
		1035 = 1-3/8"		
		1038 = 1-1/2"		
		1045 = 1-3/4"		
		1051 = 2"		

Example: 3000101003S (Acryl, Grade A, 3/8", Black, Spool)