

# Ben-Har™ Acryl

## Acrylic Resin Coated Fiberglass Sleeving

**Temp Class:** Class F (155° C)

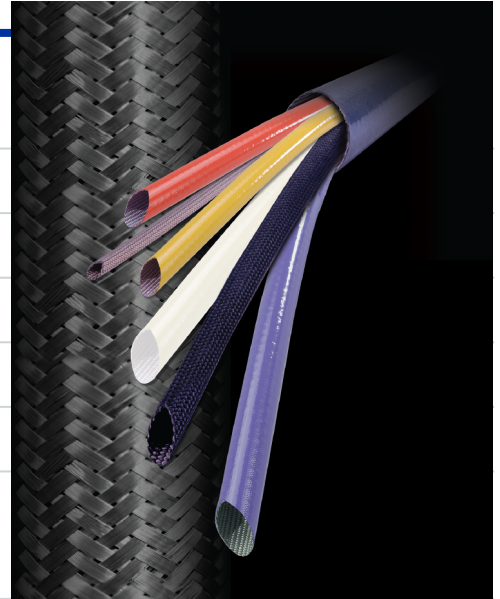
**Grades Available:** A (7,000 V), C (2,500 V)

**Material:** Acrylic Coated Fiberglass

**Sizes Available:** AWG #24 through 3" I.D.

**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
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
2-1/4"	2.330 (59.40)	2.250 (57.40)	2.250
2-1/2"	2.536 (64.70)	2.500 (63.80)	2.500
2-3/4"	2.850 (72.70)	2.750 (70.10)	2.750
3"	3.036 (77.40)	3.000 (76.50)	3.000

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