

# Ben-Har™ ST

## Heat Treated Fiberglass Sleeving (Unsaturated)

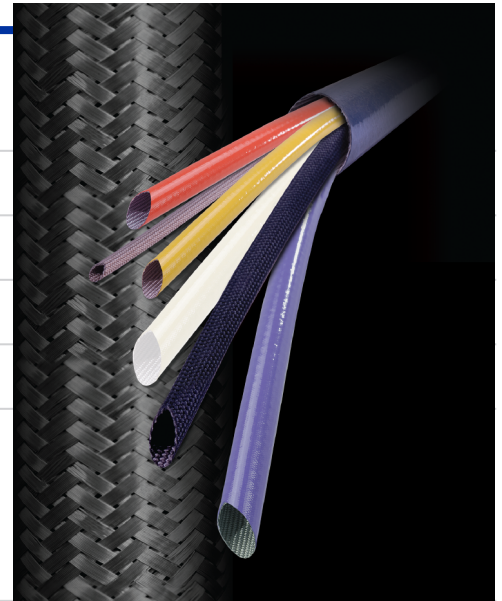
Temp Class: Class C (240°+ C)

Material: Heat Treated Fiberglass

Sizes Available: AWG #24 through 1" I.D.

Colors Available: Natural

Applicable Standards: UL VW-1 under file no. E15253, NEMA TF-2 Type 3



## Features

- ▶ Withstands normal assembling handling, cut-through and mechanical stress without the loss of insulating capability.
- ▶ Excellent low temperature flexibility.
- ▶ Nominal outgassing of 0.25% by weight after four hours at 250°C.
- ▶ Not affected by temperatures up to 240°C and can withstand higher temperatures up to the melting point of glass (760°C).
- ▶ Performance is determined by wall thickness (about 1/64").

## Product Description

Ben-Har ST is a braided, heat treated fiberglass sleeving made of continuous filament E glass. Ben-Har ST sleeving is completely unsaturated and provides the greatest possible flexibility with the absolute minimum organic content. The special heat treatment of the fiberglass braid prepares the sleeving for bonding with epoxies, impregnants and varnishes resulting in a superior reinforcement between the fiberglass and the encapsulant or varnish.

## Suggested Applications

Ben-Har ST's fray resistance makes practical the use of short lengths and the roundness of the sleeving greatly facilitates wire insertion. It is used where space factor electrical insulation is sufficient, particularly where high temperatures are encountered.



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# Ben-Har™ ST

## 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

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



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## Ordering Information

Product	Grade	Size	Color	Packing Code
370 = ST Heat Treated	07 = No Dielectric	924 = AWG #24	01 = Natural	S = Spool
		922 = AWG #22		Y = Cut Pieces
		920 = AWG #20		
		918 = AWG #18		
		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"		