

Ben-Har™ 1151-FRB

Rugged, Flame Resistant Silicone Rubber Coated Slewing

Temp Class: Class H (200° C)

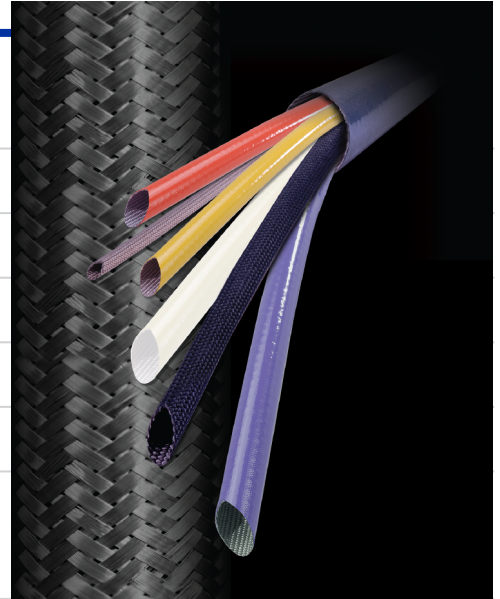
Grades Available: A (8,000 V), B (4,000 V)

Material: Silicone Coated Fiberglass

Sizes Available: AWG #14 through 1" I.D.

Colors Available: Blue Gray

Applicable Standards: NEMA TF-1 Type 5, MIL-I-3190/6-QPL (Grade A)



Features

- ▶ Difficult to ignite, with a very slow rate of burn travel and self-extinguishing properties.
- ▶ Expands 25% or more in diameter without damage.
- ▶ Provides excellent cut-through and abrasion protection.
- ▶ Resistant to hydraulic fluids, jet fuels, inorganic acids and alkalis. Some swelling occurs in aromatic hydrocarbons and chlorinated solvents.

Product Description

Ben-Har 1151-FRB is a rugged, flame-retardant, silicone rubber coated fiberglass sleeving that provides excellent cut-through and abrasion resistance. The specially formulated silicone rubber is extrusion coated over non-combustible fiberglass braid, resulting in a reinforced sleeving that is superior to ordinary dip-coated sleeving and unreinforced rubber or plastic tubing.

Suggested Applications

Ben-Har 1151-FRB provides cut-through and abrasion protection for wiring systems in applications with temperatures ranging from -70°C to 200°C. It is ideal for protecting wiring systems in modern jet aircraft against abrasion, impact, harmful drip, splash or spray. Ben-Har 1151-FRB is resistant to hydraulic fluids as well as jet fuels. It is also used to insulate critical circuits and conductors, as a thermal barrier and as a wire bundling mechanism.

Ben-Har™ 1151-FRB

Sizes Available

Size	Inside Diameter, in. (mm)		
	Maximum	Minimum	Nominal I.D.
14 AWG	0.074 (1.88)	0.064 (1.63)	0.066
12 AWG	0.091 (2.31)	0.081 (2.06)	0.085
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.



1-800-837-7477
 www.atkinsandpearce.com

Ben-Har™ 1151-FRB

Ordering Information

Product	Grade	Size	Color	Packing Code
325 - 1151 FRB	01 - A	914 - AWG #14	15 - Blue / Gray	S - Spool
	02 - B	912 - AWG #12		Y - Cut Pieces
		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"		

*Example: 3250190115S (1151 FRB Grade A, 1, Blue / Gray, Spool)