

Ben-Har™ 1151-XL-240

High Temperature Silicone Rubber Coated Fiberglass Sleeving

Temp Class: Class S (240° C)

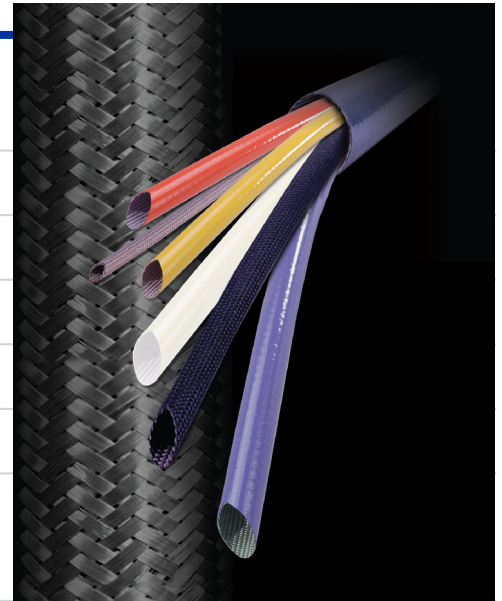
Grades Available: A (8,000 V)

Material: Silicone Coated Fiberglass

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

Colors Available: Red Iron Oxide

Applicable Standards: UL Recognized Component under file no. E63446.
NEMA TF-1 Type 5



Features

- ▶ Excellent mechanical and electrical properties.
- ▶ Excellent low temperature flexibility.
- ▶ Resistant to inorganic acids, alkalis and aliphatic hydrocarbons.
- ▶ Slight swelling may be caused by aromatic hydrocarbons and chlorinated organic solvents. Ketones and esters have a softening effect.

Product Description

Ben-Har 1151-XL-240 is a unique silicone rubber coated fiberglass sleeving, one that attained the first ever UL recognition of a fabric-reinforced sleeving for 240°C service temperatures. By combining a proprietary silicone rubber formulation with an extrusion-coating technique, Ben-Har 1151-XL-240 realizes excellent mechanical and electrical properties for high temperature insulation needs.

Suggested Applications

Ben-Har 1151-XL-240 is ideal for high temperature insulation needs. It is typically used as a protective covering for automotive wire harnesses and ABS brake wiring. It is also used for aerospace and aircraft wiring leads and for covering leads on extrusion plastic molding, die-casting machinery and presses.

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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
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

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Ordering Information

Product	Grade	Size	Color	Packing Code
331 - 1151 XL 240	01 - A	g24 - AWG #24	14 - RIO	S - Spool
		g22 - AWG #22		Y - Cut Pieces
		g20 - AWG #20		
		g18 - AWG #18		
		g16 - AWG #16		
		g14 - AWG #14		
		g12 - AWG #12		
		g10 - AWG #10		
		g09 - AWG #9		
		g08 - AWG #8		
		g07 - AWG #7		
		g06 - AWG #6		
		g05 - AWG #5		
		g04 - AWG #4		
		g03 - AWG #3		
		g02 - AWG #2		
		g01 - AWG #1		
		g00 - AWG #0		
		010 - 3/8"		
		011 - 7/16"		
		013 - 1/2"		
		016 - 5/8"		
		019 - 3/4"		
		022 - 7/8"		
		025 - 1"		

*Example: 3310190114S (1151 XL 240, A, 1, Rio, Spool)