

Ben-Har™ 1151-XL-200

Reinforced Silicone Rubber Coated Fiberglass Sleeving

Temp Class: Class H (200° C)

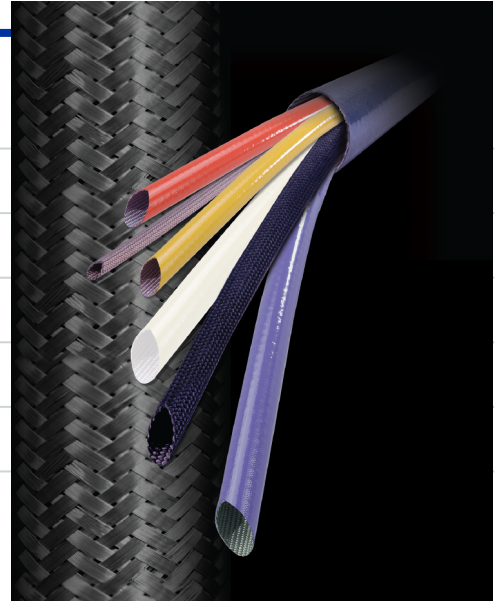
Grades Available: A (8,000 V), C (2,500 V)

Material: Silicone Coated Fiberglass

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

Colors Available: White, Amber, Black

Applicable Standards: UL Recognized Component and VW-1 Flame Rating under file no. E63446 (Grade A), NEMA TF-1 Type 5, MIL-I-3190/6 – QPL (Grade A)



Features

- ▶ Highly resistant to cut-through and abrasion.
- ▶ Exhibits high tear strength, good pushback and expandability, excellent flex life and fatigue resistance.
- ▶ Resistant to inorganic acids, alkalis, and aliphatic hydrocarbons. Slight swelling may be produced by aromatic solvents and chlorinated hydrocarbons.
- ▶ Ketones and esters may have a softening effect.

Product Description

Ben-Har 1151-XL-200 is a reinforced silicone rubber coated fiberglass sleeving with outstanding mechanical and electrical properties. The specially formulated extrusion coating is highly resistant to cut-through and abrasion, making it ideal for heavy duty applications. It exhibits high tear strength, good push back and expandability, excellent flex life and fatigue resistance.

Suggested Applications

Ben-Har 1151-XL-200 is designed to be used where superior mechanical performance and high dielectric strength are needed, such as transformer lead protection, motor coil leads, component isolation and power supply wiring.

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Sizes Available

Size	Inside Diameter, in. (mm)		
	Maximum	Minimum	Nominal I.D.
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

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