

1151-XL-200 Grade C

- Rated to 200°C Class H
- Grade C (2,500V)
- NEMA 5
- Applicable Documents
ASTM D-350
ASTM D-372
UL 1441
NEMA TF-1
- Excellent low temperature flexibility
- Available in sizes
AWG #24 - 1" I.D.
- Available in amber/transparent, white, and black
- UL Recognized Component



Silicone Rubber Coated Fiberglass Sleeving

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. The sleeving is rated for 200°C service life (Class H.)

Ben-Har™ 1151-XL-200 Grade C is resistant to inorganic acids, alkalis, and aliphatic hydrocarbons. Slight swelling may be produced by aromatic solvents and chlorinated hydrocarbons. Ketones and esters have a softening effect. Ben-Har™ 1151-XL-200 Grade C shows no discernible effects when exposed to 10 megarads of radiation.

Ben-Har™ 1151-XL-200 Grade C 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.



Performance Data – Ben-Har™ 1151-XL-200

Grade C

Product Specifications

NEM A Size	Nominal Diameter (inches)	Nominal Diameter (mm)	Bentley-Harris Part Number	Maximum Diameter (inches)	Minimum Diameter (inches)
24	0.022	0.56	33003924XX	0.027	0.020
22	0.027	0.69	33003922XX	0.032	0.025
20	0.034	0.86	33003920XX	0.039	0.032
18	0.042	1.07	33003918XX	0.049	0.040
16	0.053	1.35	33003916XX	0.061	0.051
14	0.074	1.88	33003914XX	0.072	0.064
12	0.091	2.31	33003912XX	0.089	0.081
10	0.106	2.69	33003910XX	0.112	0.102
9	0.118	3.00	33003909XX	0.124	0.114
8	0.133	3.38	33003908XX	0.141	0.129
7	0.148	3.76	33003907XX	0.158	0.144
6	0.166	4.22	33003906XX	0.178	0.162
5	0.186	4.72	33003905XX	0.198	0.182
4	0.208	5.28	33003904XX	0.224	0.204
3	0.234	5.94	33003903XX	0.249	0.229
2	0.263	6.68	33003902XX	0.278	0.258
1	0.294	7.47	33003901XX	0.311	0.289
0	0.330	8.38	33003900XX	0.347	0.325
3/8"	0.375	9.52	33003010XX	0.399	0.375
7/16"	0.438	11.12	33003011XX	0.462	0.438
1/2"	0.500	12.70	33003013XX	0.524	0.500
5/8"	0.625	15.87	33003016XX	0.655	0.625
3/4"	0.750	19.05	33003019XX	0.786	0.750
7/8"	0.875	22.22	33003022XX	0.911	0.875
1"	1.000	25.40	33003025XX	1.036	1.000

XX = Color Code

02 = White 03 = Black
12 = Amber/transparent

°C	°F
538	1000
527	980
516	960
504	940
493	920
482	900
471	880
460	860
449	840
438	820
427	800
416	780
404	760
393	740
382	720
371	700
360	680
349	660
338	640
327	620
316	600
304	580
293	560
282	540
271	520
260	500
249	480
238	460
227	440
216	420
204	400
193	380
182	360
171	340
160	320
149	300
138	280
127	260
116	240
104	220
99	210
88	190
77	170
66	150
54	130
43	110
38	100
35	95
30	86
25	77
20	68
15	59
10	50
5	41
0	32
-5	23
-10	14
-15	5
-18	0
-20	-4
-40	-40
-60	-76
-70	-94