

Product Highlights

- Rated to 240°C
- Grade A (7,000 V)
- UL Recognized Component
- CSA File #LR58703 (up to 200°C)
- NEMA 5
- Excellent low temperature flexibility
- Applicable Documents
 - ASTM D-350
 - ASTM D-372
 - NEMA TF-1
 - UL 1441
- Available in sizes AWG #24 - 1" I.D.
- Red Iron Oxide color



Ben-Har™ 1151-XL-240

Silicone Rubber Coated Fiberglass Sleeving

Bentley-Harris® Ben-Har 1151-XL-240 is a unique silicone rubber coated fiberglass sleeving attaining the first UL recognition of a fabric-reinforced sleeving for 240°C service temperatures. By combining a proprietary silicone rubber formulation with an extrusion-coating technique, a significant advance in insulation has been achieved. The operating temperature spectrum has been increased and a significant improvement in mechanical and electrical properties has been realized.

Extrusion processing permits the construction of a truly elastic sleeving, insuring a snug fit without installation difficulty or damage to the coating. 1151-XL-240 simplifies procedures for examination of finished assemblies and components. No longer will delays and extra tests due to questionable insulating sleeving plague the design engineer. Because of its prior approval by U.L., 1151-XL-240 can be the quick solution for high temperature insulation needs.

Ben-Har 1151-XL-240 is resistant to inorganic acids, alkalis, and aliphatic hydrocarbons. Slight swelling may be caused by aromatic hydrocarbons and chlorinated organic solvents. Ketons and esters have a softening effect on the product. No discernible effect is shown when the sleeving is exposed to 10 megarads of radiation.

BentleyHarris®
Protection Products

Product Specifications – Ben-Har™ 1151-XL-240

NEMA Size	Nominal Diameter (inches)	Nominal Diameter (mm)	Bentley-Harris Part Number	Maximum Diameter (inches)	Minimum Diameter (inches)
24	0.022	0.56	3310192414	0.027	0.020
22	0.027	0.69	3310192214	0.032	0.025
20	0.034	0.86	3310192014	0.039	0.032
18	0.042	1.07	3310191814	0.049	0.040
16	0.053	1.35	3310191614	0.061	0.051
14	0.066	1.68	3310191414	0.072	0.064
12	0.085	2.16	3310191214	0.089	0.081
10	0.106	2.69	3310191014	0.112	0.102
9	0.118	2.10	3310190914	0.124	0.114
8	0.133	3.38	3310190814	0.141	0.129
7	0.148	3.76	3310190714	0.158	0.144
6	0.166	4.22	3310190614	0.178	0.162
5	0.186	4.72	3310190514	0.198	0.182
4	0.208	5.28	3310190414	0.224	0.204
3	0.234	5.94	3310190314	0.249	0.229
2	0.263	6.68	3310190214	0.278	0.258
1	0.294	7.47	3310190114	0.311	0.289
0	0.330	8.38	3310190014	0.347	0.325
3/8"	0.375	9.52	3310101014	0.399	0.375
7/16"	0.438	11.12	3310101114	0.462	0.438
1/2"	0.500	12.70	3310101314	0.524	0.500
5/8"	0.625	15.87	3310101614	0.655	0.625
3/4"	0.750	19.05	3310101914	0.786	0.750
7/8"	0.875	22.22	3310102214	0.911	0.875
1"	1.000	25.40	3310102514	1.036	1.000

°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

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