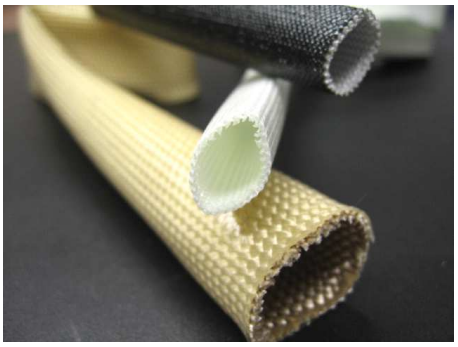
GRAYLINE LLC

AC

Acrylic Coated Fiberglass Sleeving



Product Description

Grayline AC-sleeving is made by applying a modified acrylic resin over premium electrical grade braided fiberglass. These products exhibit excellent flexibility, cut through resistance and resistance to mechanical abrasion. The coating has excellent resistant to oils, acids, alkalis, solvents and has good resistance to corona and fungus. Grayline's AC series of fiberglass sleeving can be used in many consumer appliances applications such as lighting fixtures, stoves, oven and furnace controls, relays, breaker panels, switchgear and other commercial and industrial apparatus.

Standard Packaging: Reels or Cut to Customer Specifications.
Standard Colors: Natural, Black, Red, Yellow
Special Colors and Sizes Available Upon Request

Specifications

- NEMA TF-1, Type 6
- MIL-I-3190/3 (Grade A)
- UL: 155°C, 600V (Grade A only)
- EU Directive 2011/65/EU(RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Thermal Class "F": 155°C
- Bends without Cracking at –25°C
- Cut Through and Abrasion Resistant
- Compatible with all magnet wire coatings and varnishes
- Resistant to moisture, fungus and chemicals

Dielectric Grade	Min. Avg. Breakdown, V	Min. Individual Breakdown, V
A	7000	5000
B	4000	2500
C-1	2500	1500
C-2	1500	800

NEMA Size	ID (inch)	
	Max.	Min.
24	0.027	0.020
22	0.032	0.025
20	0.039	0.032
19	0.044	0.036
18	0.049	0.040
17	0.054	0.045
16	0.061	0.051
15	0.067	0.057
14	0.074	0.064
13	0.082	0.072
12	0.091	0.081

NEMA Size	ID (inch)	
	Max.	Min.
11	0.101	0.091
10	0.112	0.102
9	0.124	0.114
8	0.141	0.129
7	0.158	0.144
6	0.178	0.162
5	0.198	0.182
4	0.224	0.204
3	0.249	0.229
2	0.278	0.258
1	0.311	0.289
0	0.347	0.325

NEMA Size	ID (inch)	
	Max.	Min.
3/8"	0.399	0.375
7/16"	0.462	0.438
1/2"	0.524	0.500
5/8"	0.655	0.625
3/4"	0.786	0.750
7/8"	0.911	0.875
1"	1.036	1.000
1-1/8"	1.161	1.125
1-1/4"	1.286	1.250
1-1/2"	1.536	1.500
1-3/4"	1.786	1.750

2101 Airport Rd. ▸ Waukesha, WI. 53188-2455
262.542.4300 ▸ FAX 262.542.4324 ▸www.graylineinc.com