



VC

Vinyl Coated Fiberglass Sleeving



Product Description

Vinyl coated fiberglass sleeving comprised of specially formulated polyvinyl chloride compound applied to premium electrical grade braided fiberglass sleeving.

Compatible with most commonly used insulating resin systems. Most typically found in insulation for motors, generators, and transformers as well as in radio, television and electronics industry applications where operating temperatures are 130°C or lower. Ideal for applications requiring a combination of flexibility and abrasion resistance.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Black, Yellow

Special Colors and Sizes Available Upon Request

Specifications

- NEMA TF-1, Type 3
- UL VW-1
- UL/CSA: 105° C, 600V (Grade A)
- MIL-I-3190/2 (Grade A)
- EU Directive 2011/65/EU(RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Thermal Class "B": 130°C
- Brittle point is -20°C
- Highly Flame Retardant
- Excellent Resistance to Corona, Acids, Weak Alkalis, Esters, and Fungus
- Cut Through and Abrasion Resistant
- Highly Flexible

Dielectric Grade	Min. Avg. Breakdown, V	Min. Individual Breakdown, V
A	8000	6000
B	4000	2500
C	2500	1500

NEMA Size	Max. ID (inches)	Min. ID (inches)
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
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

NEMA Size	Max. ID (inches)	Min. ID (inches)
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
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

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