



HT-1

Heat Treated Fiberglass Sleeving



Product Description

Grayline HT fiberglass is made from tightly woven, flexible, continuous filament E glass braid. It has been heat-treated to remove all organic contaminants and to set the glass braid for end-fray resistance.

HT fiberglass is very flexible and can be used in high temperature, low voltage applications such as toasters, coffee makers, carbon brushes, irons, and other small heating appliances. It is available in both standard and heavy wall options.

HT has been designed to withstand temperatures as high as 650°C

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Natural (Silver Gray)

Special Sizes Available Upon Request

Specifications

- NEMA TF-2, Type 3
- UL VW-1
- EU Directive 2011/65/EU(RoHS2)
- EU Directive 2015/863 (RoHS3)

Features

- Thermal Class "C": 240C
- Non-Flammable
- Resistant to moisture, fungus and chemicals

| Dielectric Grade | Min. Avg. Breakdown, V | Min. Individual Breakdown, V |
|------------------|---|------------------------------|
| C-3 | Space factor only. No dielectric value guaranteed | |

| NEMA Size | Max. ID (inch) | Min. ID (inch) | Min. Wall (inch) |
|-----------|----------------|----------------|------------------|
| 24 | 0.027 | 0.020 | 0.005 |
| 22 | 0.032 | 0.025 | 0.005 |
| 20 | 0.039 | 0.032 | 0.009 |
| 19 | 0.044 | 0.036 | 0.009 |
| 18 | 0.049 | 0.040 | 0.011 |
| 17 | 0.054 | 0.045 | 0.011 |
| 16 | 0.061 | 0.051 | 0.011 |
| 15 | 0.067 | 0.057 | 0.011 |
| 14 | 0.074 | 0.064 | 0.011 |
| 13 | 0.082 | 0.072 | 0.011 |
| 12 | 0.091 | 0.0881 | 0.011 |
| 11 | 0.101 | 0.091 | 0.011 |
| 10 | 0.112 | 0.102 | 0.011 |
| 9 | 0.124 | 0.114 | 0.011 |
| 8 | 0.141 | 0.129 | 0.011 |

| NEMA Size | Max. ID (inch) | Min. ID (inch) | Min. Wall (inch) |
|-----------|----------------|----------------|------------------|
| 7 | 0.158 | 0.144 | 0.013 |
| 6 | 0.178 | 0.162 | 0.013 |
| 5 | 0.198 | 0.182 | 0.013 |
| 4 | 0.224 | 0.204 | 0.016 |
| 3 | 0.249 | 0.229 | 0.016 |
| 2 | 0.278 | 0.258 | 0.016 |
| 1 | 0.311 | 0.289 | 0.016 |
| 0 | 0.347 | 0.325 | 0.016 |
| 3/8" | 0.399 | 0.375 | 0.016 |
| 7/16" | 0.462 | 0.438 | 0.018 |
| 1/2" | 0.524 | 0.500 | 0.018 |
| 5/8" | 0.655 | 0.625 | 0.018 |
| 3/4" | 0.786 | 0.750 | 0.018 |
| 7/8" | 0.911 | 0.875 | 0.018 |
| 1" | 1.036 | 1.000 | 0.018 |

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