

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: PIF-200
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Issue: 4
Issue Date: 6/14/2004
Effective Date: 7/19/2004

A. Construction

- | | |
|-------------|--|
| 1) Product | Coated Fiberglass Sleeving |
| 2) Material | Fiberglass Braid coated with Silicone Rubber |

B. Physical Properties

- | | |
|-----------------------|---|
| 1) Appearance | Free From Pinholes, Defects, Cracks, Seams and Inclusions |
| 2) Surface Marking | None |
| 3) Dimensions | See Table 1 |
| 4) Color | Natural |
| 5) Temperature Rating | -70° to +200°C |
| 6) Voltage Rating | 600V _{rms} |
| 7) Flammability | Pass, NEMA VS-1 |
| 8) Grade | A |
| 9) MIL-I-3190/6 | Class 20, Type D, Category C |

Table 1

Part Number	Nominal Wall Thickness	Nominal Inside Diameter	Nominal Outside Diameter
PIF-200-24	0.030	0.022	0.082
PIF-200-22	0.030	0.027	0.087
PIF-200-20	0.030	0.034	0.094
PIF-200-18	0.030	0.042	0.102
PIF-200-17	0.030	0.047	0.107
PIF-200-16	0.030	0.053	0.113
PIF-200-15	0.030	0.059	0.119
PIF-200-14	0.045	0.066	0.156
PIF-200-13	0.045	0.076	0.166
PIF-200-12	0.045	0.085	0.175
PIF-200-11	0.045	0.095	0.185
PIF-200-10	0.045	0.106	0.196
PIF-200-9	0.045	0.118	0.208
PIF-200-8	0.045	0.133	0.223
PIF-200-7	0.045	0.148	0.238
PIF-200-6	0.045	0.166	0.256
PIF-200-5	0.045	0.186	0.276
PIF-200-4	0.045	0.208	0.298
PIF-200-3	0.045	0.234	0.324
PIF-200-2	0.055	0.263	0.373
PIF-200-1	0.055	0.294	0.404
PIF-200-0	0.055	0.330	0.440
PIF-200-3/8	0.055	0.387	0.497
PIF-200-7/16	0.065	0.450	0.58
PIF-200-1/2	0.065	0.512	0.642
PIF-200-5/8	0.065	0.640	0.770

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C. Chemical Properties

- | | |
|----------------------|-------------------------|
| 1) Corrosion | Non-Corrosive |
| 2) Fungus Resistance | Does not support growth |

D. Industry Approvals and Ratings

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|-------------|------------------|
| 1) UL | UL Standard 1441 |
| 2) NEMA | VS-1 |
| 3) Military | MIL-I-3190E |