

WIRE MANAGEMENT PRODUCTS

SILICONE COATED FIBERGLASS SLEEVING

UL STANDARD 1441
MIL-I-3190E

PIF-200

CHOOSE SILICONE COATED FIBERGLASS SLEEVING FOR:

- High Flexible Routing
- Extreme Abrasion Resistance
- Superior Electrical Properties



HIGH HEAT, SUPERIOR ELECTRICAL CHARACTERISTICS: A closely woven, braided fiberglass, uniformly coated with silicone rubber. Provides low temperature flexibility – 70°C, and heat protection to 200°C. The fiberglass sleeving material is heat-set, cuts cleanly and will not fray. PIF-200 is easy to handle and extremely tough with superior physical and electrical properties. Easy to “pushback” and form over components, connections and cables.

SILICONE COATED FIBERGLASS SLEEVING APPLICATIONS:

- High/Low Temperature Wire Harnesses
- High/Low Temperature Cable Connections
- Component Covering

CHARACTERISTICS

OPERATING TEMPERATURE:

- –70°C to 200°C

VOLTAGE RATING:

- 600 Volt

COLOR DESCRIPTION:

- All Standard Packages: Natural

PHYSICAL PROPERTIES:

- Heat Aging: 1440 Hours at 235°C Without Dielectric Change
- Hardness: Shore A34
- Flammability: Self-Extinguishing (NEMA VS-1)

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth

ELECTRICAL PROPERTIES:

- Dielectric Strength: 8000 Volts

Alpha Part No. and Size (AWG or Inches)	Nominal Inside Diameter		Standard Put-Up Spools (Ft.)
	Inches	mm	
PIF-200-24	0.024	0,61	100, 500, 1000
PIF-200-22	0.029	0,74	100, 500, 1000
PIF-200-20	0.036	0,91	100, 500, 1000
PIF-200-18	0.045	1,14	100, 500, 1000
PIF-200-17	0.050	1,27	500, 1000
PIF-200-16	0.056	1,42	100, 500, 1000
PIF-200-15	0.063	1,60	100, 1000
PIF-200-14	0.069	1,75	100, 500
PIF-200-13	0.076	1,93	100, 500
PIF-200-12	0.085	2,16	100, 500
PIF-200-11	0.097	2,46	500
PIF-200-10	0.107	2,72	100, 500
PIF-200-9	0.119	3,02	100, 500
PIF-200-8	0.136	3,45	100, 500
PIF-200-7	0.151	3,84	100, 500
PIF-200-6	0.170	4,32	25, 100
PIF-200-5	0.190	4,83	25, 100
PIF-200-4	0.208	5,28	100
PIF-200-3	0.239	6,07	25, 100
PIF-200-2	0.268	6,81	25, 100
PIF-200-1	0.294	7,47	100
PIF-200-0	0.330	8,38	100
PIF-200-3/8	0.375	9,52	25, 100
PIF-200-7/16	0.438	11,12	25, 100
PIF-200-1/2A	0.500	12,70	25, 100
PIF-200-5/8	0.625	15,88	25, 100

151

SPECIFICATIONS

- UL Standard 1441
- MIL-I-3190E
- NEMA, VS-1

