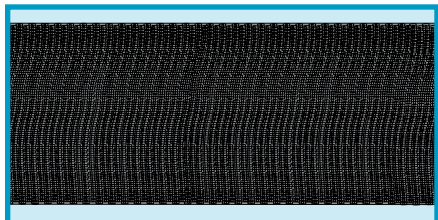


FIT® Wire Management

Expandable Braided Sleeving

GRP-110, GRP-120



UL UZKX2
UL VW-1 (GRP-120)
MIL-I-631

- Light weight, flexible routing
- High abrasion and cut-through resistance

Operating Temperature

- -75°C to +125°C
- 250°C melt temperature

Color

- GRP-110: Black or natural
- GRP-120: Black with white tracer thread or white with black tracer thread

Material

- Braided polyester
- Should be cut with hot knife

Physical Properties

- Tensile strength:
GRP-110: 85,000 psi (586 N/mm²)
GRP-120: 55,000 psi (379 N/mm²)

Chemical Properties

- Corrosive effect: noncorrosive
- Fungus resistance: no growth
- GRP-120: flame retardant
- Halogen free
- Lead free

Availability

See tables

Spools may contain multiple lengths

General-Purpose Sleeving

| Part No. | Inside Diameter, Min. | | Expanded Inside Diameter, Max. | | Wall Thickness | | Construction | | | Standard Put-Ups | |
|---------------|-----------------------|-------|--------------------------------|-------|----------------|------|--------------|-------|-------|------------------|-----------|
| | Inch | mm | Inch | mm | Inch | mm | Carriers | Yarns | Total | Ft | m |
| GRP-110-1/8 | 0.093 | 2.36 | 0.250 | 6.35 | 0.025 | 0.64 | 32 | 1 | 32 | 100, 500 | 30.5, 152 |
| GRP-110-1/4 | 0.125 | 3.18 | 0.375 | 9.53 | 0.025 | 0.64 | 24 | 3 | 72 | 100, 500 | 30.5, 152 |
| GRP-110-1/2 | 0.250 | 6.35 | 0.750 | 19.05 | 0.025 | 0.64 | 48 | 3 | 144 | 100, 500 | 30.5, 152 |
| GRP-110-3/4 | 0.500 | 12.70 | 1.250 | 31.75 | 0.025 | 0.64 | 72 | 3 | 216 | 100, 500 | 30.5, 152 |
| GRP-110-1-1/4 | 0.750 | 19.05 | 1.750 | 44.45 | 0.025 | 0.64 | 96 | 3 | 288 | 50, 250 | 15.2, 76 |
| GRP-110-1-3/4 | 1.250 | 31.75 | 2.750 | 69.85 | 0.025 | 0.64 | 120 | 4 | 480 | 50, 250 | 15.2, 76 |
| GRP-110-2IN | 1.500 | 38.10 | 3.500 | 88.90 | 0.025 | 0.64 | 120 | 4 | 480 | 50, 250 | 15.2, 76 |

Flame-Retardant Sleeving

| Part No. | Inside Diameter, Min. | | Expanded Inside Diameter, Max. | | Wall Thickness | | Construction | | | Standard Put-Ups | |
|---------------|-----------------------|-------|--------------------------------|-------|----------------|------|--------------|-------|-------|------------------|-----------|
| | Inch | mm | Inch | mm | Inch | mm | Carriers | Yarns | Total | Ft | m |
| GRP-120-1/8 | 0.093 | 2.36 | 0.250 | 6.35 | 0.025 | 0.64 | 32 | 1 | 32 | 100, 500 | 30.5, 152 |
| GRP-120-1/4 | 0.125 | 3.18 | 0.375 | 9.53 | 0.025 | 0.64 | 24 | 3 | 72 | 100, 500 | 30.5, 152 |
| GRP-120-1/2 | 0.250 | 6.35 | 0.750 | 19.05 | 0.025 | 0.64 | 48 | 3 | 144 | 100, 500 | 30.5, 152 |
| GRP-120-3/4 | 0.500 | 12.70 | 1.250 | 31.75 | 0.025 | 0.64 | 72 | 3 | 216 | 100, 500 | 30.5, 152 |
| GRP-120-1-1/4 | 0.750 | 19.05 | 1.750 | 44.45 | 0.025 | 0.64 | 96 | 3 | 288 | 50, 250 | 15.2, 76 |
| GRP-120-1-3/4 | 1.250 | 31.75 | 2.750 | 69.85 | 0.025 | 0.64 | 120 | 4 | 480 | 50, 250 | 15.2, 76 |
| GRP-120-2IN | 1.500 | 38.10 | 3.500 | 88.90 | 0.025 | 0.64 | 120 | 4 | 480 | 50, 250 | 15.2, 76 |

