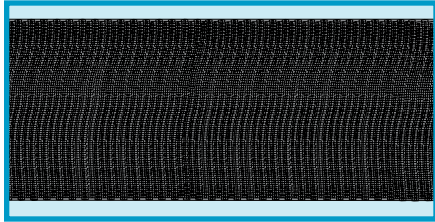


# FIT® Wire Management

## Non-Fraying, Expandable Braided Sleeving GRP-110NF, GRP-120NF



- Light weight, flexible routing
- Frayless: cuts without a hot knife
- Compatible with automatic cutting machines

### Operating Temperature

- -75°C to +125°C

### Color

- GRP-110NF, XS-100: Black or natural
- GRP-120NF: Black with white tracer thread
- XS-100FR: Black or white

### Material

- Braided PET

### Physical Properties

- Tensile strength:  
GRP-110NF: 85,000 psi (586 N/mm<sup>2</sup>)  
GRP-120NF: 55,000 psi (379 N/mm<sup>2</sup>)  
XS-100/100FR: 100,000 psi (689 N/mm<sup>2</sup>)

### Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth

### Availability

See tables

Spools may contain multiple lengths

**UL UZKX2**  
**UL VW-1 (GRP-120NF,**  
**XS-100FR)**  
**CSA 5836 01**  
**MIL-I-631**

### 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
<b>GRP-110NF18</b>	0.125	3.18	0.250	6.35	0.024	0.61	32	3	96	100, 500	30.5, 152
<b>GRP-110NF14</b>	0.156	3.96	0.438	11.13	0.024	0.61	40	3	120	100, 500	30.5, 152
<b>GRP-110NF12</b>	0.250	6.35	0.750	19.05	0.024	0.61	64	3	192	100, 500	30.5, 152
<b>GRP-110NF34</b>	0.625	15.88	1.000	25.40	0.024	0.61	80	3	240	100, 500	30.5, 152
<b>GRP-110NF114</b>	1.000	25.40	1.500	38.10	0.024	0.61	120	3	360	50, 250	15.2, 76
<b>GRP-110NF112</b>	1.250	31.75	2.000	50.80	0.024	0.61	120	4	480	50, 250	15.2, 76
<b>XS-100-2-1/2</b>	2.000	50.80	3.500	88.90	0.025	0.64	144	5	720	100	30.5

### 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
<b>GRP-120NF18</b>	0.125	3.18	0.250	6.35	0.024	0.61	32	3	96	100, 500	30.5, 152
<b>GRP-120NF14</b>	0.156	3.96	0.438	11.13	0.024	0.61	40	3	120	100, 500	30.5, 152
<b>GRP-120NF12</b>	0.250	6.35	0.750	19.05	0.024	0.61	64	3	192	100, 500	30.5, 152
<b>GRP-120NF34</b>	0.625	15.88	1.000	25.40	0.024	0.61	80	3	240	100, 500	30.5, 152
<b>GRP-120NF114</b>	1.000	25.40	1.500	38.10	0.024	0.61	120	3	360	50, 250	15.2, 76
<b>GRP-120NF112</b>	1.250	31.75	2.000	50.80	0.024	0.61	120	4	480	50, 250	15.2, 76
<b>XS-100FR-2-1/2</b>	2.000	50.80	3.500	88.90	0.025	0.64	144	5	720	100	30.5

