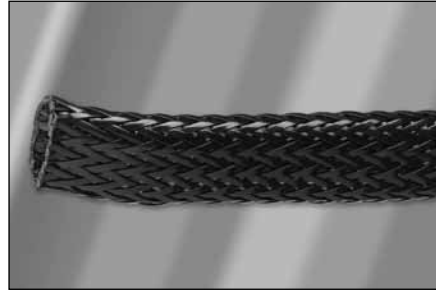


FIT[®] Wire Management





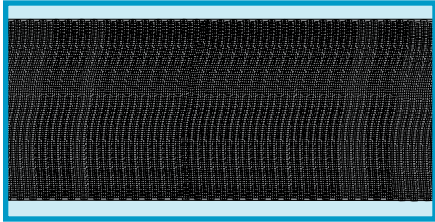
Woven Sleeving

FIT Expandable Woven Sleeving			
Material	Feature	Characteristics	FIT Family
Polyester	General purpose	-75°C to +125°C Good abrasion and cut-through resistance Flame resistant (110) and flame retardant (120) versions	GRP-110 GRP-120
PET	Non-fraying	-75°C to +125°C Good abrasion and cut-through resistance Flame resistant (110) and flame retardant (120) versions	GRP-110NF GRP-120NF
PET	Wrappable	-70°C to +125°C Bends tightly without distorting or opening Easy to install NF = flame retardant	GRP-130 GRP-130NF
Nylon polyamide	Advanced protection	-45°C to +150°C Extreme abrasion resistance without losing flexibility or durability Resists fuels, solvents, salt water, chemicals, and UV rays Expandable to 150%	GRP-160
PPS	Advanced chemical resistance	-70°C to +200°C Resists acids, bases, solvents, and fuels Extremely lightweight	GRP-170
Nylon	Maximum protection	-60°C to +150°C Superior abrasion resistance Smooth inner wall to prevent internal abrasion damage Resists fuels, solvents, salt water, chemicals, and UV rays	GRP-180
PTFE	Extreme protection	-70°C to +280°C Cut and abrasion resistant Resists virtually all chemicals and UV rays Thermally stable Low outgassing	GRP-200
PET	Wrappable with hook and loop closure	-75°C to +125°C Unlimited breakouts Abrasion and cut-through resistance Oil and solvent resistance	ZIP-GRP
FIT Non-Expandable Woven Sleeving			
Material	Feature	Characteristics	FIT Family
PET	Heavy duty	-70°C to +125°C	XS-100HD
Nylon	General purpose	-45°C to +120°C Tightly woven Excellent abrasion resistance and durability	XS-200N
Nylon	Maximum protection	-45°C to +120°C Excellent abrasion resistance Tightly woven Deflects high-pressure hose ruptures Resists fuels, chemicals, UV, rot, and vermin Smooth inner wall to prevent internal abrasion damage	XS-300

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

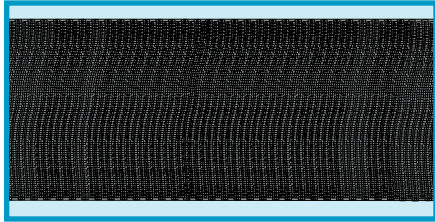
Flame-Retardant Sleeving

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



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/mm²)
GRP-120NF: 55,000 psi (379 N/mm²)
XS-100/100FR: 100,000 psi (689 N/mm²)

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

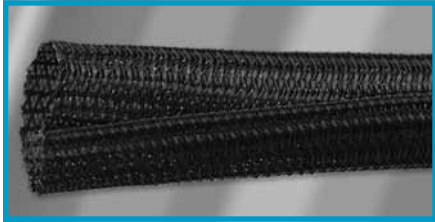
Flame-Retardant Sleeving

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



FIT® Wire Management

Flexible, Semirigid Wrappable Sleeving GRP-130 and GRP-130NF



The choice for a wide variety of bundling applications without the need for additional fasteners

UL UZKX2
UL 94V-0 (GRP-130)
UL VW1 (GRP-130NF)
CSA 5836 01 FT2
FAR 25 (GRP-130NR)

- Bends tightly without distorting or opening
- 25% edge overlap to accommodate connectors and splices
- Fast, easy wrap-around installation
- More flexible than spiral wrap or split convoluted tubing

Operating Temperature

- -70°C to +125°C
- GRP-130: 230°C melt temperature
- GRP-130NF: 250°C melt temperature

Color

- GRP-130: Black or orange
- GRP-130NF: Black with white tracer

Materials

- 10-mil PET braid
- Cuts with hot knife

Physical Properties

- Tensile strength:
 GRP-130: 6 psi (0.04 N/mm²)
 GRP-130NF: 4 psi (0.02 N/mm²)
- Specific gravity: 1.38 max

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 0.10% max
- UV resistant
- Halogen free
- Lead free

Availability

See table
 Reels may contain multiple lengths

The GRP-130 installation tool makes installing long length of GRP-130 sleeving fast and easy. Simply insert your wire bundle into the tool's shank and slide the tool along the split in the sleeving. The tool deposits the wires and allows the split to close correctly.



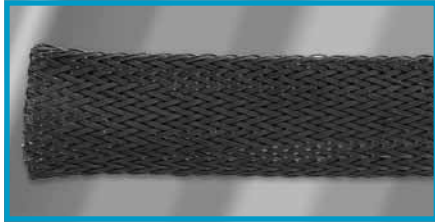
Part No.		Size		Wall Thickness (Min)		Ends per Carrier Alternating	Standard Put-Ups		Installation Tool Part No.
Black	Black w/ Tracer	Inch	mm	Inch	mm		Ft	m	
GRP-130-1/8	GRP-130NF-18	0.125	3.18	0.024	3.18	1/3	50, 200	15.2, 71	GRP-130T-1/4
GRP-130-1/4	GRP-130NF-14	0.250	6.35	0.025	6.35	1/3	50, 200	15.2, 71	GRP-130T-1/4
GRP-130-3/8	GRP-130NF-38	0.375	9.53	0.025	9.53	1/3	50, 100	15.2, 30.5	GRP-130T-1/2
GRP-130-1/2	GRP-130NF-12	0.500	12.70	0.025	12.70	1/3	50, 100	15.2, 30.5	GRP-130T-1/2
GRP-130-3/4	GRP-130NF-34	0.750	19.05	0.025	19.05	1/3	50, 100	15.2, 30.5	GRP-130T-3/4
GRP-130-1IN	GRP-130NF-11N	1.000	25.40	0.038	25.40	1/3	50, 100	15.2, 30.5	GRP-130T-1IN
GRP-130-1-1/4	GRP-130NF-1-14	1.250	31.75	0.038	31.75	1/3	25	7.6	GRP-130T-1-1/4
GRP-130-1-1/2	GRP-130NF-1-12	1.500	38.10	0.038	38.10	1/3	25	7.6	GRP-130T-1-1/4
GRP-130-2IN	GRP-130NF-2IN	2.000	50.80	0.038	50.80	2/3	25	7.6	GRP-130T-1-1/4*

*Designed for up to 1.22" cable diameter



FIT® Wire Management

Advanced Protection Expandable Sleeving GRP-160



Color

- Black

Materials

- 20-mil nylon polyamide monofilament

Physical Properties

- Tensile strength: 19 psi (0.13 N/mm²)
- Specific gravity: 1.14 max

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 2.50% max
- UV resistant
- Halogen free
- Lead free

Availability

See table
Reels may contain multiple lengths

An economical, easy-to-use choice for advanced abrasion and cut-through protection

- Extreme abrasion resistance without losing flexibility or durability
- Cuts cleanly with hot knife
- Resists fuels, solvents, salt water, chemicals, and UV
- Expandable to 150%

Operating Temperature

- -45°C to +150°C
- 256°C melt temperature

Part No.	Nominal Size		Expansion Range		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
GRP-160-1/4	1/4	6.35	0.250 - 0.500	6.35 - 12.70	20	3	60	50, 250	15.2, 76
GRP-160-1/2	1/2	12.70	0.500 - 1.000	12.70 - 25.40	36	3	108	50, 250	15.2, 76
GRP-160-3/4	3/4	19.05	0.750 - 1.250	19.05 - 31.75	40	3	120	50, 250	15.2, 76
GRP-160-1IN	1	25.40	1.000 - 1.500	25.40 - 38.10	48	3	144	50, 250	15.2, 76
GRP-160-1-1/4	1-1/4	31.75	1.250 - 2.000	31.75 - 50.80	56	3	168	50, 250	15.2, 76
GRP-160-1-3/4	1-3/4	44.45	1.750 - 2.750	44.45 - 69.85	72	3	216	50, 250	15.2, 76
GRP-160-2-1/4	2-1/4	57.15	2.250 - 3.000	57.15 - 76.20	96	3	288	25, 100	7.6, 30.5



FIT® Wire Management

Advanced Chemical Resistance Expandable Sleeving GRP-170



Color

- Black

Materials

- 8-mil-diameter polyphenylene sulfide (PPS) monofilaments
- Cuts with hot knife

Physical Properties

- Specific gravity: 1.37 max
- Flame resistant

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 0.025% max
- Low outgassing
- UV resistant
- Halogen free
- Lead free

Availability

See table
Reels may contain multiple lengths

The extremely lightweight sleeving that is impervious to virtually all chemicals

UL 94V-0 FAR 25

- Resists acids, bases, solvents, and fuels
- Ultra-lightweight
- High abrasion resistance
- Expandable to 150%
- Flame resistant
- Cuts cleanly with hot knife

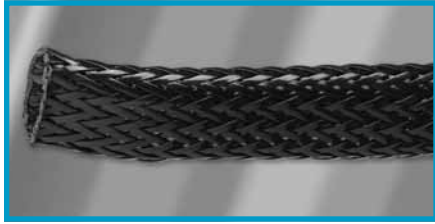
Operating Temperature

- -70°C to +200°C
- 285°C melt temperature

Part No.	Nominal Size		Expansion Range		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
GRP-170-1/8	1/8	3.18	0.094 - 0.250	2.38 - 6.35	32	2	64	100, 500	30.5, 152
GRP-170-1/4	1/4	6.35	0.125 - 0.375	3.18 - 9.53	48	2	96	100, 500	30.5, 152
GRP-170-1/2	1/2	12.70	0.250 - 0.750	6.35 - 19.05	56	3	168	100, 500	30.5, 152
GRP-170-3/4	3/4	19.05	0.500 - 1.250	12.70 - 31.75	72	3	216	50, 250	15.2, 76
GRP-170-1-1/4	1-1/4	31.75	0.750 - 1.750	19.05 - 44.45	96	4	384	50, 250	15.2, 76
GRP-170-1-3/4	1-3/4	44.45	1.250 - 2.500	31.75 - 63.50	120	4	480	50, 250	15.2, 76

FIT® Wire Management

Maximum Performance Expandable Sleeving GRP-180



Color

- Black

Materials

- Flat 20-mil nylon filaments
- Cuts with hot knife

Physical Properties

- Tensile strength: 19 psi (0.13 N/mm²)
- Specific gravity: 1.12 max

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 2.50% max
- UV resistant
- Lead free

Availability

See table
Reels may contain multiple lengths

Superior abrasion resistance, a wide operating temperature range, easy installation for industrial, solar, and high-abrasion applications

- Superior abrasion resistance
- Easy to install
- Resists fuels, solvents, chemicals, salt water, and UV
- Smooth inner wall to prevent internal abrasion damage

Operating Temperature

- -60°C to +150°C
- 265°C melt temperature

Part No.	Nominal Size		Expansion Range		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
GRP-180-1/2	1/2	12.70	0.375 - 0.625	9.53 - 15.88	24	1	24	50, 250	15.2, 76
GRP-180-3/4	3/4	19.05	0.625 - 1.000	15.88 - 25.40	36	1	36	50, 250	15.2, 76
GRP-180-1IN	1	25.40	0.875 - 1.250	22.22 - 31.75	44	1	44	50, 250	15.2, 76
GRP-180-1-1/4	1-1/4	31.75	1.000 - 1.500	25.40 - 38.10	48	1	48	25, 100	7.6, 30.5
GRP-180-1-3/4	1-3/4	44.45	1.500 - 2.000	38.10 - 50.80	80	1	80	25, 100	7.6, 30.5
GRP-180-2IN	2	50.80	1.750 - 2.750	44.45 - 69.85	96	1	96	25, 100	7.6, 30.5

FIT® Wire Management

Extreme Performance Sleeving

GRP-200



Color

- Natural

Materials

- 16-mil PTFE filaments
- Cuts with hot knife or hot wire

Physical Properties

- Specific gravity: 2.15 max

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 0.01% max
- Vacuum outgassing: 95.0% max
- Lead free

Availability

See table
Spools may contain multiple lengths

The high-temperature choice for aerospace, military, and high-tech applications where thermal stability and low outgassing are critical

FAR 25

- Cut and abrasion resistant
- Flame resistant
- Resists virtually all chemicals and UV
- Thermally stable
- Low outgassing
- Suitable for plenum use

Operating Temperature

- -70°C to +280°C
- 310°C melt temperature

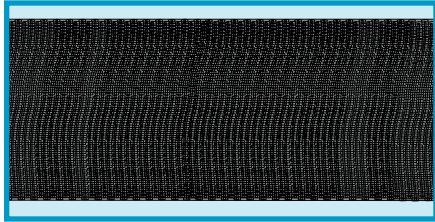
Part No.	Nominal Size		Expansion Range		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
GRP-200-1/8	1/8	3.18	0.094 - 0.250	2.38 - 6.35	24	1	25	50, 250	15.2, 76
GRP-200-1/4	1/4	6.35	0.188 - 0.375	4.76 - 9.53	32	1	32	50, 250	15.2, 76
GRP-200-3/8	3/8	9.53	0.250 - 0.750	6.35 - 19.06	40	3	120	50, 250	15.2, 76
GRP-200-1/2	1/2	12.70	0.375 - 0.875	9.53 - 22.23	48	3	144	50, 250	15.2, 76
GRP-200-3/4	3/4	19.05	0.625 - 1.250	15.88 - 31.75	64	3	192	50, 250	15.2, 76
GRP-200-1-1/4	1-1/4	31.75	1.125 - 1.500	28.58 - 38.10	72	3	216	25, 100	7.6, 30.5
GRP-200-1-3/4	1-3/4	44.45	1.375 - 1.750	34.93 - 44.45	80	4	240	25, 100	7.6, 30.5
GRP-200-2IN	2	50.80	1.688 - 2.125	42.88 - 53.98	96	3	288	25, 100	7.6, 30.5



FIT® Wire Management

Expandable Braided Sleeving

XS-100HD



UL 224
UL UZKX2
CSA 5836 01

- Extremely flexible
- Light weight
- Easy to install

Operating Temperature

- -70°C to +125°C
- 250°C melt temperature

Color

- Black

Material

- Heavy-duty braided PET

Physical Properties

- Tensile strength: 90,000 psi (620 N/mm²)
- Elongation: 25% min.
- Specific gravity: 1.31 max.

Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth
- Halogen free
- Lead free

Availability

See table

Spools may contain multiple lengths

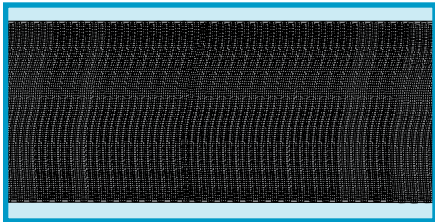
Part No.	Inside Diameter, Min.		Expanded Inside Diameter, Max.		Wall Thickness		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
XHD3/8	0.188	4.78	0.750	19.05	0.042	1.07	24	3	72	500	152
XHD5/8	0.313	7.95	1.000	25.40	0.042	1.07	32	3	96	500	152
XHD1IN	0.500	12.70	1.500	38.10	0.042	1.07	48	3	144	250	76
XHD1-1/2	1.000	25.40	2.000	50.80	0.042	1.07	72	3	216	200	61
XHD2IN	1.500	38.10	3.000	76.20	0.042	1.07	93	3	288	100	30.5



FIT® Wire Management

Braided Sleeving

XS-200N



MIL-S-47053
CID A-A-59301

- Extremely durable
- Abrasion resistant
- Tight weave with excellent flexibility

Operating Temperature

- -45°C to +120°C
- 250°C melt temperature

Color

- Black

Material

- Braided nylon

Physical Properties

- Tensile strength: 80,000 psi (551 N/mm²)
- Specific gravity: 1.14

Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth
- Water absorption: 0.04%, max.
- Halogen free
- Lead free

Electrical Properties

- Dielectric strength: 4 V/mil (1.57 kV/cm)

Availability

See table

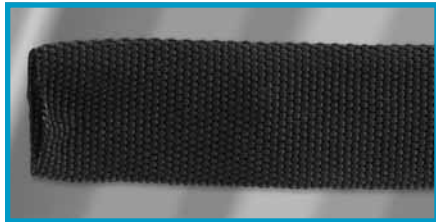
Spools may contain multiple lengths

Part No.	Inside Diameter, Min.		Wall Thickness		Construction			Standard Put-Ups	
	Inch	mm	Inch	mm	Carriers	Yarns	Total	Ft	m
XS-200N-1/8	0.125	3.18	0.020	0.51	28	3	84	100, 1000	30.5, 305
XS-200N-1/4	0.250	6.35	0.032	0.81	48	4	192	100, 500	30.5, 152
XS-200N-3/8	0.375	9.53	0.032	0.81	52	5	260	100, 500	30.5, 152
XS-200N-1/2	0.500	12.70	0.035	0.89	72	6	432	100	30.5
XS-200N-3/4	0.750	19.05	0.035	0.89	72	9	648	100, 250	30.5, 76
XS-200N-1IN	1.000	25.40	0.045	1.14	72	16	1152	100	30.5

FIT® Wire Management

Abrasion-Resistant Nylon Sleevings

XS300



Color

- Black

Materials

- 45-mil-thick nylon
- Cuts with scissors

Physical Properties

- Specific gravity: 1.14

Chemical Properties

- Corrosive effects: noncorrosive
- Fungus resistance: no growth
- Water absorption: 2.70% max
- Halogen free
- Lead free

Availability

25 ft (7.6 m)
 100 ft (30.4 m) for 0.71 through
 1.59 sizes only

Professional-grade protection with smooth inner wall to prevent internal abrasion damage

- Excellent abrasion resistance
- Tightly woven, nonexpandable
- Cuts cleaning with scissors
- Deflects high-pressure hose ruptures
- Resists fuels, chemicals, UV, rot, and vermin
- ISO 6945 certified
- MSHA approved “Accepted flame-resistant solid products taken into mines”

Operating Temperature

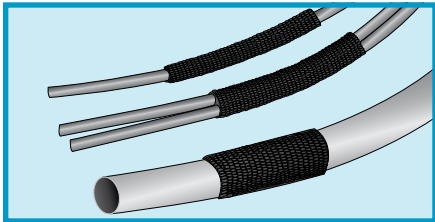
- -45°C to +120°C
- 210°C melt temperature

Part No.	Size		Wall Thickness (Min)	
	Inch	mm	Inch	Mm
XS300071	0.71	18.03	0.045	1.14
XS300083	0.83	21.08	0.045	1.14
XS300092	0.92	23.37	0.045	1.14
XS300100	1.00	25.40	0.045	1.14
XS300113	1.13	28.70	0.045	1.14
XS300125	1.25	31.75	0.045	1.14
XS300134	1.34	34.04	0.045	1.14
XS300159	1.59	40.39	0.045	1.14
XS300175	1.75	44.45	0.045	1.14
XS300207	2.07	52.58	0.045	1.14
XS300238	2.38	60.45	0.045	1.14
XS300254	2.54	64.52	0.045	1.14
XS300286	2.86	72.64	0.045	1.14
XS300334	3.34	84.84	0.045	1.14
XS300366	3.66	92.96	0.045	1.14

FIT® Wire Management

Expandable Braided Sleeving

ZIP-GRP



UL UZKYZ
UL 94V-0
CSA 5836 01

- Unlimited breakouts
- Abrasion and cut-through resistance
- Oil and solvent resistance

Operating Temperature

- -70°C to +125°C
- 230°C melt temperature

Color

- Black

Material

- Braided PET with hook and loop closure
- Cuts with hot knife

Physical Properties

- Tensile strength: 85,000 psi (586 N/mm²)
- Specific gravity: 1.38

Chemical Properties

- Corrosive effect: None
- Fungus resistance: no growth
- Water absorption: 0.15% max.
- Halogen free
- Lead free
- Chemically inert
- UV resistant

Availability

25 ft (7.6 m)
 50 ft (15.2 m)

Spools may contain multiple lengths

Part No.	Inside Diameter, Min.		Expanded Inside Diameter, Max.		Wall Thickness		Construction		
	Inch	mm	Inch	mm	Inch	mm	Carriers	Yarns	Total
ZIP-GRP-7/8	0.500	12.70	2.375	60.33	0.025	0.64	88	4	220
ZIP-GRP-1-1/2	1.500	38.10	3.500	88.90	0.025	0.64	105	4	420
ZIP-GRP-2	2.000	50.80	4.500	114.30	0.025	0.64	137	4	548

