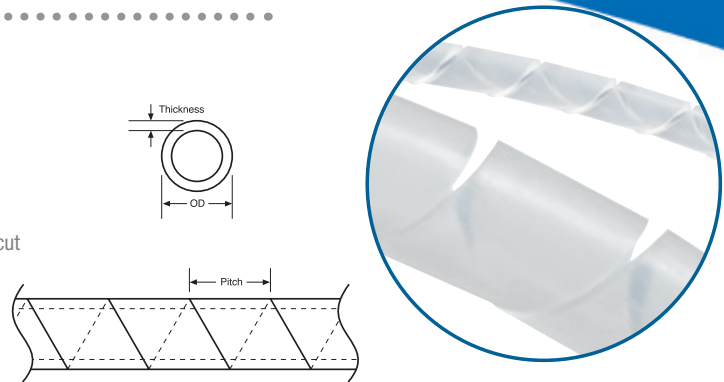


Wire Protection Products

Spiral Wrap

Install with gaps for greater flexibility or butted together for maximum abrasion resistance, insulation and rigidity!

- Packaged in 100 foot reels
- Protects bundles from 0.063 in. to 7 in. (1.6 mm to 177.8 mm) diameters
- Available in three material types
- Also commonly known as reverse cut, left-handed cut or counter-clockwise cut
- For use with cutting tool CC120B (see page C73)
- UL 94 HB Flammability Rating

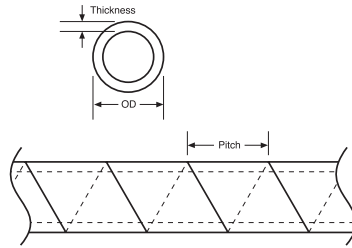
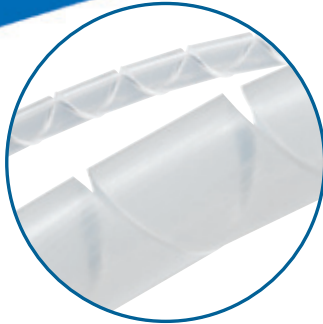


Cat. No.	Material	Outside Diameter		Pitch		Nominal Wall Thickness		Minimum/Maximum Bundle Range				Reel Qty.
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	
Spiral Wrap												
SRPE-125-9-C	Natural Polyethylene	0.125	3.18	0.210	5.33	0.35	0.89	0.06	1.60	0.50	12.70	1 (100 ft.)
SRPE-187-9-C		0.187	4.75	0.240	6.10	0.040	1.02	0.13	3.18	1.50	38.10	
SRPE-250-9-C		0.250	6.35	0.375	9.53	0.045	1.14	0.19	4.78	2.00	50.80	
SRPE-375-9-C		0.375	9.53	0.438	11.13	0.052	1.32	0.31	7.95	3.00	76.20	
SRPE-500-9-C		0.500	12.70	0.563	14.30	0.062	1.57	0.38	9.53	4.00	101.60	
SRPE-625-9-C		0.625	15.88	0.625	15.88	0.060	1.57	0.63	15.88	4.50	114.30	
SRPE-750-9-C		0.750	15.88	0.750	19.05	0.65	1.65	0.75	19.05	5.00	127.00	
SRPE-1000-9-C		1.000	25.40	1.110	28.19	0.70	17.78	1.00	25.40	7.00	177.80	
SRPE-125-0-C	Weatherable Black Polyethylene	0.125	3.18	0.210	5.33	0.35	0.89	0.06	1.60	0.50	12.70	
SRPE-187-0-C		0.187	4.75	0.240	6.10	0.040	1.02	0.13	3.18	1.50	38.10	
SRPE-250-0-C		0.250	6.35	0.375	9.53	0.045	1.14	0.19	4.78	2.00	50.80	
SRPE-375-0-C		0.375	9.53	0.438	11.13	0.052	1.32	0.31	7.95	3.00	76.20	
SRPE-500-0-C		0.500	12.70	0.563	14.30	0.062	1.57	0.38	9.53	4.00	101.60	
SRPE-625-0-C		0.625	15.88	0.625	15.88	0.060	1.57	0.63	15.88	4.50	114.30	
SRPE-750-0-C		0.750	15.88	0.750	19.05	0.065	1.65	0.75	19.05	5.00	127.00	
SRPE-1000-0-C		1.000	25.40	1.110	28.19	0.070	1.78	1.00	25.40	7.00	177.80	
SRNY-187-9-C	Natural Nylon 6/6	0.190	4.75	0.240	6.10	0.025	0.64	0.13	3.18	1.50	38.10	
SRNY-250-9-C		0.250	6.35	0.375	9.53	0.030	0.76	0.19	4.78	2.00	50.80	
SRNY-375-9-C		0.375	9.53	0.438	11.13	0.040	0.89	0.31	7.95	3.00	76.20	
SRNY-500-9-C		0.500	12.70	0.563	14.30	0.040	0.89	0.38	9.53	4.00	101.60	

Sold in 100-ft. rolls.

<p>Polyethylene</p> <p>Available in natural and weatherable black.</p> <p>For general indoor use to 50°C (122°F). Material is flexible and easy to work with.</p>	<p>Weatherable Polyethylene</p> <p>Available in black only.</p> <p>Designed to resist ultraviolet light in outdoor applications.</p>	<p>Flame-Retardant Polyethylene</p> <p>Available in white only.</p> <p>Material is UL 94 V-0 rated. More economical and less rigid than nylon.</p>	<p>Nylon 6/6</p> <p>Available in natural only.</p> <p>Offers highest abrasion resistance and rigidity. Self-extinguishing to UL 94 HB and a UL Recognized Component.</p>	<p>Fluoropolymer</p> <p>Available in opaque colour.</p> <p>Excellent resistance to harsh environments 170°C (338°F) max operating temperature.</p>
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Wire Protection Products



Spiral Wrap

Perfect for protection of bundles from 0.063 in. to 7 in. diameters

- Install with gaps for greater flexibility or butted together for maximum abrasion resistance, insulation, and rigidity
- Available in three materials
- Also known as right-hand cut or clockwise cut
- Use cutting tool CC120B (see page C73)

Cat. No.	Material	Outside Diameter		Pitch		Nominal Wall Thickness		Minimum/Maximum Bundle Range				UL Flammability	Reel Qty.
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)		
Forward Cut Spiral Wrap													
SRPE-125F-9-C	Natural Polyethylene	0.19	4.75	0.24	6.10	0.04	1.02	0.06	1.60	0.50	12.70	94 HB	1 (100 ft.)
SRPE-187F-9-C		0.19	4.75	0.24	6.10	0.04	1.02	0.13	3.18	1.50	38.10		
SRPE-250F-9-C		0.25	6.35	0.38	9.53	0.05	1.14	0.19	4.78	2.00	50.80		
SRPE-375F-9-C		0.38	9.53	0.44	11.13	0.05	1.32	0.31	7.95	3.00	76.20		
SRPE-500F-9-C		0.50	12.70	0.56	14.30	0.06	1.57	0.38	9.53	4.00	101.60		
SRPE-625F-9-C		0.63	15.88	0.63	15.88	0.06	1.57	0.63	15.88	4.50	114.30		
SRPE-750F-9-C		0.75	19.05	0.75	19.05	0.07	1.65	0.75	19.05	5.00	127.00		
SRPE-1000F-9-C		1.00	25.40	1.11	28.19	0.07	1.78	1.00	25.40	7.00	177.80		
SRPE-125F-0-C	Weatherable Black Polyethylene	0.19	4.75	0.24	6.10	0.04	1.02	0.06	1.60	0.50	12.70		
SRPE-187F-0-C		0.19	4.75	0.24	6.10	0.04	1.02	0.13	3.18	1.50	38.10		
SRPE-250F-0-C		0.25	6.35	0.38	9.53	0.05	1.14	0.19	4.78	2.00	50.80		
SRPE-375F-0-C		0.38	9.53	0.44	11.13	0.05	1.32	0.31	7.95	3.00	76.20		
SRPE-500F-0-C		0.50	12.70	0.56	14.30	0.06	1.57	0.38	9.53	4.00	101.60		
SRPE-625F-0-C		0.63	15.88	0.63	15.88	0.06	1.57	0.63	15.88	4.50	114.30		
SRPE-750F-0-C		0.63	15.88	0.75	19.05	0.07	1.65	0.75	19.05	5.00	127.00		
SRPE-1000F-0-C		1.00	25.40	1.11	28.19	0.07	1.78	1.00	25.40	7.00	177.80		
SRFR-125F-WH-C	White Flame-Retardant Polyethylene	0.19	4.75	0.24	6.10	0.04	1.02	0.13	3.18	1.50	38.10	94 HB	
SRFR-187F-WH-C		0.19	4.75	0.24	6.10	0.04	1.02	0.19	4.78	2.00	50.80		
SRFR-250F-WH-C		0.25	6.35	0.38	9.53	0.05	1.14	0.31	7.95	3.00	76.20		
SRFR-375F-WH-C		0.38	9.53	0.44	11.13	0.05	1.32	0.38	9.53	4.00	101.60		
SRFR-500F-WH-C		0.50	12.70	0.56	14.30	0.06	1.57	0.19	2.00	2.00	50.80		
SRTL-250F-9-C	Fluoropolymer	0.25	6.35	0.38	9.53	0.05	1.32	0.31	3.00	3.00	76.20		
SRTL-500F-9-C		0.50	12.70	0.56	14.30	0.06	1.57	0.38	4.00	4.00	101.60		

Polyethylene

Available in natural and weatherable black.

For general indoor use to 50°C (122°F). Material is flexible and easy to work with.

Weatherable Polyethylene

Available in black only. Designed to resist ultraviolet light in outdoor applications.

Flame-Retardant Polyethylene

Available in white only.

Material is UL 94 V-0 rated. More economical and less rigid than nylon.

Nylon 6/6

Available in natural only.

Offers highest abrasion resistance and rigidity. Self-extinguishing to UL 94 HB and a UL Recognized Component.

Fluoropolymer

Available in opaque colour.

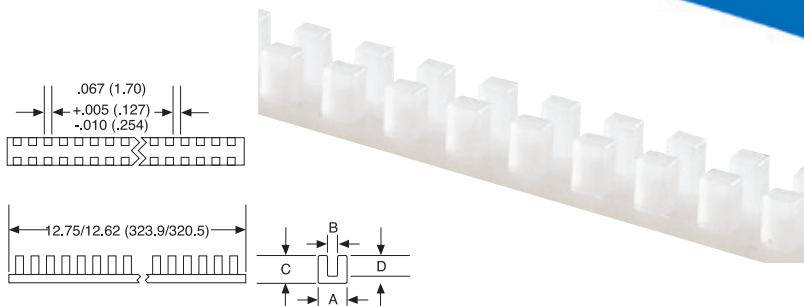
Excellent resistance to harsh environments 170°C (338°F) max operating temperature.

Wire Protection Products

Molded Grommeting

Suitable for round hole or odd-shape applications!

- Meets MS21266
- Available in three materials for panel thicknesses from 0.015 in. to 0.192 in.
- Grommet is used to protect panel edges and knockouts where the chafing of passing wires is a concern
- Also available in fluoropolymer material for harsh environments
- Strip length – 12-3/4 in.



Std. Cat. No.	Bulk Cat. No.	Material	A		B		C		D		For Panel Thickness		Military Standard Numbers	Std. Pkg.	Bulk Pkg.
			(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)			
Molded Grommeting															
GSNY-052-9-C	–	Natural Nylon 6/6	0.15	3.81	0.06	1.42	0.16	3.94	0.10	2.54	0.02-0.052	0.38-1.32	MS-21266-1N	100	–
GSNY-085-9-C	–		0.18	4.45	0.09	2.29					0.05-0.085	1.35-2.16	MS-21266-2N		
GSNY-128-9-C	–		0.22	5.59	0.13	3.33	0.09-0.128	2.18-3.25			MS-21266-3N				
GSNY-192-9-C	–		0.36	8.26	0.20	4.95	0.19-0.192	3.25-4.88			MS-21266-4N				
GSFR-052-WH-C	–	Flame-Retardant White	0.15	3.81	0.06	1.42	0.23	5.84			0.02-0.052	0.38-1.32	–	–	500
–	GSFR-052-WH-D		0.15	3.81	0.06	1.42					0.02-0.052	0.38-1.32			
GSFR-085-WH-C	–		0.18	4.45	0.09	2.29					0.05-0.085	1.35-2.16			

High-carbon, Teflon® coated steel blade!

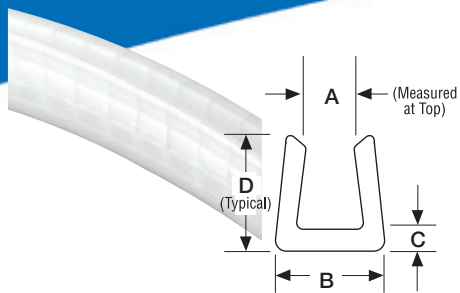
Use our CC120B cutting tool for all your spiral wrap, plastic pipe and PVC conduit needs up to 1-1/4 IN. I.D.

- Contoured handle resists tube crushing
- Produces no “sawdust” — no need to debur
- Lightweight, low-profile and no exposed blade when stored

Cat. No.	Description
CC120B	Cutting Tool



Wire Protection Products



Extruded Grommeting

Line panel edges and knockouts!

- Used to line panel edges and knockouts where the chafing of passing wires is a concern
- Available in 8 stock sizes in 100-ft. lengths for panels from 0.040 in. (1.02 mm) to 0.250 in. (6.35 mm) thick
- A variety of stocked materials to cover a wide range of applications
- Solid Wall Polyethylene is ideal for protection of glass, sheet metal, wood panels, or other sheet-form materials
- This product is not UV rated

Cat. No.	Material	A Max. Panel Thickness		C Grommeting Thickness		D Grommeting Height		B Grommeting Width		UL Flammability	Reel Qty.		
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)				
Extruded Grommeting													
GRNY-040-9-C	Natural Nylon	0.04	1.02	0.04	1.02	0.19	4.83	0.13	3.18	94 V-2	1 (100 ft.)		
GRNY-052-9-C		0.05	1.32										
GRNY-062-9-C		0.06	1.57	0.05	1.32	0.20	5.08	0.17	4.32				
GRNY-085-9-C		0.09	2.16										
GRNY-100-9-C		0.10	2.54			0.22	5.89	0.21	5.33				
GRNY-125-9-C		0.13	3.18										
GRNY-187-9-C		0.19	4.75			0.27	6.86	0.28	6.99				
GRNY-250-9-C		0.25	6.35										
GRNY-040-0-C	Black Nylon	0.04	1.02			0.04	1.02	0.19	4.83			0.13	3.18
GRNY-052-0-C		0.05	1.32										
GRNY-062-0-C		0.06	1.57	0.05	1.32	0.20	5.08	0.17	4.32				
GRNY-085-0-C		0.09	2.16										
GRNY-100-0-C		0.10	2.54			0.22	5.89	0.21	5.33				
GRNY-125-0-C		0.13	3.18										
GRNY-187-0-C		0.19	4.75			0.27	6.86	0.28	6.99				
GRNY-250-0-C		0.25	6.35										
GRPE-040-9-C	Natural Polyethylene	0.04	1.02			0.04	1.02	0.19	4.83	0.13	3.18		
GRPE-052-9-C		0.05	1.32										
GRPE-062-9-C		0.06	1.57	0.05	1.32	0.20	5.08	0.17	4.32				
GRPE-085-9-C		0.09	2.16										
GRPE-100-9-C		0.10	2.54			0.22	5.89	0.21	5.33				
GRPE-125-9-C		0.13	3.18										
GRPE-187-9-C		0.19	4.75			0.27	6.86	0.28	6.99				
GRPE-250-9-C		0.25	6.35										
GRUPE-040-9-C	Solid Wall Polyethylene	0.04	1.02			0.04	1.02	0.19	4.83	0.13	3.18		
GRUPE-052-9-C		0.05	1.32										
GRUPE-062-9-C		0.06	1.57	0.05	1.32	0.20	5.08	0.17	4.32				
GRUPE-085-9-C		0.09	2.16										
GRUPE-100-9-C		0.10	2.54			0.22	5.89	0.21	5.33				
GRUPE-125-9-C		0.13	3.18										
GRUPE-187-9-C		0.19	4.75			0.27	6.86	0.28	6.99				
GRUPE-250-9-C		0.25	6.35										
GRFR-040-WH-C	Flame-Retardant White Polyethylene	0.04	1.02			0.04	1.02	0.19	4.83	0.13	3.18		
GRFR-052-WH-C		0.05	1.32										
GRFR-062-WH-C		0.06	1.57	0.05	1.32	0.20	5.08	0.17	4.32				
GRFR-085-WH-C		0.09	2.16										
GRFR-100-WH-C		0.10	2.54			0.22	5.89	0.21	5.33				
GRFR-125-WH-C		0.13	3.18										
GRFR-187-WH-C		0.19	4.75			0.27	6.86	0.28	6.99				
GRFR-250-WH-C		0.25	6.35										

Wire Protection Products

Braided Sleeving

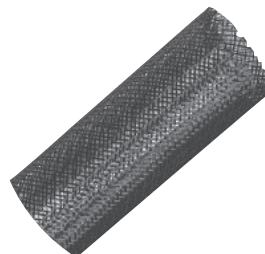
Available in handy mini spools or bulk reels!

Thomas & Betts braided wire protection sleeving is used to bundle and protect wires and cables from abrasion and excessive wear. Its flexible, lightweight, open weave construction installs easily over a variety of bundle diameters and shapes. The sleeving is resistant to chemicals, fungus, fuels, UV sunlight, and has an indefinite shelf life. It's easily cut with a hot knife, which seals the end, preventing fraying. Ends can be secured using Ty-Rap® cable ties.

Available in:

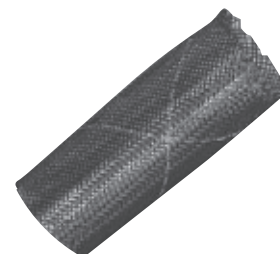
- Handy mini spools or bulk reels
- Eight sizes from 1/8 in. (3.18 mm) to 2-1/2 in. (63.5 mm) nominal I.D. size
- Solid or wraparound hook and loop braided expandable wire sleeving
- Meets UL94V-1
- Meets Federal Motor Vehicle Standard No. FMV SS 302

Types of Materials



Polyethylene Terephthalate (P.E.T.)

A black 0.010 in. (0.25mm) polyester monofilament material designed for indoor and outdoor applications. It's rated for continuous operating temp. -75°C to 125°C (-103°F to 257°F).



F – Flame Retardant Polyethylene Terephthalate (P.E.T.)

A 0.010 in. (0.25 mm) self-extinguishing polyester monofilament material that can be used indoors and outdoors. It's provided in black with white tracer for identification, and is rated for continuous operating temp. -75°C to 125°C (-103°F to 257°F). Meets UL 94V-1 Flammability Rating.

Catalogue Number System



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Reel Size	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
Braided Expandable Wire Protection Sleeving							
S250PT-0	0.250	6.35	Black	0.125 to 0.375	3.18 to 9.53	M = 1000 ft. D = 500 ft. K = 250 ft. T = 200 ft. C = 100 ft. L = 50 ft.	1
S375PC-0	0.375	9.53		0.187 to 0.625	4.75 to 15.88		1

S = Braided Expandable Wire Sleeving

Materials

- P** = P.E.T. (Polyethylene Terephthalate)
- F** = Flame-retardant P.E.T.
- PW** = P.E.T. hook & loop wraparound sleeving
- FW** = Flame-retardant P.E.T. hook & loop wraparound sleeving

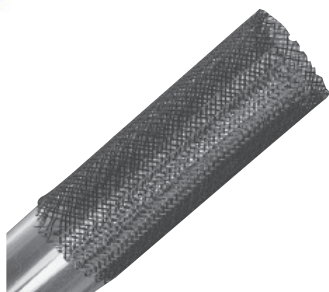
Nominal I.D. Equivalents

- 0.125** = 1/8 in.
- 0.250** = 1/4 in.
- 0.375** = 3/8 in.
- 0.500** = 1/2 in.
- 0.750** = 3/4 in.
- 1.250** = 1-1/4 in.
- 1.500** = 1-1/2 in.
- 1.750** = 1-3/4 in.
- 2.000** = 2 in.
- 2.500** = 2-1/2 in.

Wire Protection Products

Types of Materials

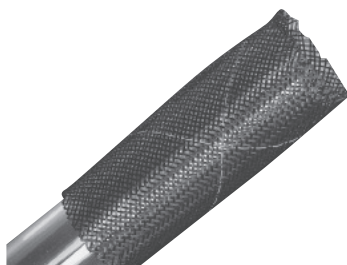
Braided Sleeving



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Spool Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
P.E.T. Braided Expandable Wire Sleeving — Mini Spool							
S250PT-0	0.25	6.35	Black	0.13 to 0.38	3.18 to 9.53	200 ft. / 60.96 m	1
S375PC-0	0.38	9.53		0.19 to 0.63	4.75 to 15.88	125 ft. / 38.10 m	
S500PC-0	0.50	12.70		0.25 to 0.75	6.35 to 19.05	100 ft. / 30.48 m	
S750PC-0	0.75	19.05		0.50 to 1.25	12.70 to 31.75		
S1250PL-0	1.25	31.75		0.75 to 1.75	19.05 to 44.45	50 ft. / 15.24 m	

NOTE: Order by spool, not per foot.

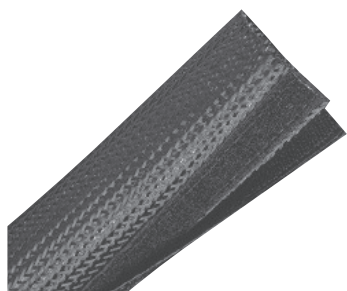
Safety first!



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Spool Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
Flame Retardant Braided Expandable Wire Sleeving — Mini Spool							
S250FT-0	0.25	6.35	Black with White Tracer	0.13 to 0.38	3.18 to 9.53	200 ft. / 60.96 m	1
S500FC-0	0.50	12.70		0.25 to 0.75	6.35 to 19.05	100 ft. / 30.48 m	
S750FC-0	0.75	19.05		0.50 to 1.25	12.70 to 31.75		
S1250FL-0	1.25	31.75		0.75 to 1.75	19.05 to 44.45	50 ft. / 15.24 m	

NOTE: Order by spool, not per foot.

Enables for easy wrapping of existing wire harnesses and cables!



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Spool Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
P.E.T. Hook and Loop, Wraparound Sleeving — Mini Spool							
S500PWL-0	0.50	12.70	Black	0.25 to 0.75	6.35 to 19.05	50 ft. / 15.24 m	1
S750PWL-0	0.75	19.05		0.50 to 1.25	12.70 to 31.75		
S1250PWL-0	1.25	31.75		0.75 to 1.75	19.05 to 44.45		
S2000PWL-0	2.00	50.80		1.50 to 3.50	38.10 to 88.90		

NOTE: Order by spool, not per foot.

Convenient for rework without disrupting existing connection!



- No tools required to close the sleeving
- Hook and loop material is made of 100% nylon



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Spool Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
Flame Retardant Hook and Loop, Wraparound Sleeving — Mini Spool							
S500FWL-0	0.50	12.70	Black with White Tracer	0.25 to 0.75	6.35 to 19.05	50 ft. / 15.24 m	1
S750FWL-0	0.75	19.05		0.50 to 1.25	12.70 to 31.75		
S1250FWL-0	1.25	31.75		0.75 to 1.75	19.05 to 44.45		
S2000FWL-0	2.00	50.80		1.50 to 3.50	38.10 to 88.90		

NOTE: Order by spool, not per foot.

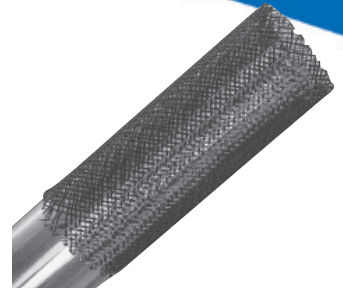
Wire Protection Products

Buy in bulk and save! **Braided Sleeving**



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Reel Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
P.E.T. Braided Expandable Wire Sleeving — Bulk Reel							
S125PM-0	0.125	3.18	Black	0.09 to 0.250	2.39 to 6.35	1,000 ft. / 304.80 m	1
S250PM-0	0.25	6.35		0.125 to 0.375	3.18 to 9.53		
S375PD-0	0.38	9.53		0.19 to 0.63	4.75 to 15.88	500 ft. / 152.40 m	
S500PD-0	0.50	12.70		0.25 to 0.75	6.35 to 19.05		
S750PK-0	0.75	19.05		0.50 to 1.25	12.70 to 31.75	250 ft. / 76.20 m	
S1250PK-0	1.25	31.75		0.75 to 1.75	19.05 to 44.45		
S1500PT-0	1.50	38.10		1.00 to 2.50	25.40 to 63.50	200 ft. / 60.96 m	
S1750PT-0	1.75	44.45		0.125 to 0.375	31.75 to 59.85		
S2000PT-0	2.00	50.80		1.50 to 3.50	38.10 to 88.90		
S2500PT-0	2.50	63.50		1.75 to 4.50	44.45 to 114.30		

NOTE: Order by spool, not per foot.



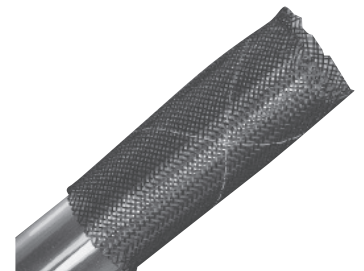
Choose from a variety of reel sizes!



Cat. No.	Nominal I.D.		Colour	Nominal Diameter Range		Reel Quantity	Std. Pkg.
	(in.)	(mm)		(in.)	(mm)		
Flame Retardant Braided Expandable Wire Sleeving — Bulk Reel							
S125FM-0	0.125	3.18	Black with White Tracer	0.09 to 0.250	2.39 to 6.35	1,000 ft. / 304.80 m	1
S250FM-0	0.25	6.35		0.125 to 0.375	3.18 to 9.53		
S375FD-0	0.38	9.53		0.19 to 63	4.75 to 15.88	500 ft. / 152.40 m	
S500FD-0	0.50	12.70		0.25 to 0.75	6.35 to 19.05		
S750FK-0	0.75	19.05	0.50 to 1.25	12.70 to 31.75	250 ft. / 76.20 m		
S750FK-9	0.75	19.05	White with Black Tracer	0.50 to 1.25		12.70 to 31.75	
S1250FK-0	1.25	31.75	Black with White Tracer	0.75 to 1.75	19.05 to 44.45	200 ft. / 60.96 m	
S1750FT-0	1.75	44.45	Black with White Tracer	0.125 to 0.375	31.75 to 59.85		
S1750FT-9	1.75	44.45	White with Black Tracer	0.125 to 0.375	31.75 to 59.85		
S2000FT-0	2.00	50.80	Black with White Tracer	1.50 to 3.50	38.10 to 88.90		
S2500FT-0	2.50	63.50	Black with White Tracer	1.75 to 4.50	44.45 to 114.30		

NOTE: Order by spool, not per foot.

For other colours, lengths, sizes and materials, please Contact your Regional Sales Office.



The right tool for the job!



Cat. No.	Description	Std. Pkg.
Sleeving End Cutter/Sealer Tools		
WTBM	Benchmark End Cutter/Sealer Tool, 110V AC	1

It's recommended that the sleeving be cut with a hot knife for a straight cut and to seal the ends, which prevents fraying.

