

EXTENDO™ MONOFILAMENT EXPANDABLE SLEEVINGS

SUFLEX EXTENDO Monofilament Expandable Sleeveings represent a complete line of expandable sleeveings for use as mechanical protection for wires, cables, wire harnesses and flat and ribbon cable assemblies. Monofilaments are used to manufacture these products because they offer low bulk weight, and also provide a cost effective mechanical protection.

EXTENDO PET™

Polyethyleneterephthalate monofilament expandable sleeving affords excellent mechanical protection and is resistant to most chemicals. EXTENDO PET has the lowest cost of all the monofilament sleeveings. It offers excellent flexibility, and protects the wire and cable bundles from abrasion, chafing, and heat degradation. Since it is self-extinguishing, it offers a degree of flame retardancy as well. EXTENDO PET is capable of continuous operation from -70°C to +125°C.

EXTENDO PETFR™ 125°C VW-1 FILE #11860

Flame-retardant polyethyleneterephthalate monofilament expandable sleeving is manufactured from a specifically formulated flame-retardant polyethyleneterephthalate. It offers the same mechanical and chemical protection as EXTENDO PET and in addition EXTENDO PETFR offers a higher degree of flame retardancy for special requirements such as in appliances. It is capable of continuous operation from -70°C to +125°C.

EXTENDO PET™ AND PETFR™

Order Size	Size Range	Approximate Weight Lbs./100 Ft.	Std. Pkg. Ft./Spool
1/4"	1/8" - 3/8"	.27	1000
1/2"	1/4" - 3/4"	.75	500
7/8"	1/2" - 1 1/4"	1.00	250
1 1/8"	3/4" - 1 1/2"	1.60	250
1 3/4"	1" - 2 1/2"	2.00	150
2"	1 1/4" - 2 3/4"	2.60	100

Special sizes and constructions available. Contact factory.

EXTENDO PETNF™

Extra non-fray polyethyleneterephthalate monofilament expandable sleeving is manufactured from the same monofilaments as EXTENDO PET except the weave construction has been altered to offer more fray resistance than EXTENDO PET. These special constructions allow for the production of a light-weight expandable sleeving which offers a greater foot-per-pound yield. It is capable of continuous operation from -70°C to +125°C.

EXTENDO PETNF™

Order Size	Size Range	Approximate Weight Lbs./100 Ft.	Std. Pkg. Ft./Spool
3/8"	3/16" - 1/2"	.26	500
5/8"	3/8" - 3/4"	.50	500
1 1/4"	3/4" - 1 3/8"	1.00	250
1 3/8"	1" - 1 3/4"	1.30	250

EXTENDO HAL™

Ethylene chlorotrifluoro ethylene (Halar†) monofilament expandable sleeving is manufactured from Halar (E-CTFE) monofilaments. It offers a product with excellent chemical and abrasion resistance and can be used at higher operating temperatures than the other monofilament sleeveings. EXTENDO HAL is recommended for use where the sleeving may be exposed to harsh chemicals or severe environments. Since it will not support combustion, it is also suitable for use where flame retardancy is important. It is rated for continuous operation from -70°C to +150°C.

EXTENDO HAL™

Order Size	Size Range	Approximate Weight Lbs./100 Ft.	Std. Pkg. Ft./Spool
3/32"	3/32" - 1/8"	.25	500
1/4"	1/8" - 3/8"	.40	500
5/8"	1/4" - 7/8"	1.20	250
1"	1/2" - 1 3/8"	1.70	125
1 1/8"	3/4" - 1 1/2"	2.60	125
1 7/8"	1 1/4" - 2 1/2"	4.00	75
2 5/8"	1 3/4" - 3 1/2"	5.00	50

AVAILABLE COLORS

EXTENDO	PET	PETFR	PETNF	HAL
Black	*	*	*	*
Red	S	N/A	S	N/A
Orange	S	N/A	S	N/A
Yellow	S	N/A	S	N/A
Green	S	N/A	S	N/A
Blue	S	N/A	S	N/A
Gray	S	N/A	S	N/A
White	N/A	*	N/A	*
Clear	*	N/A	*	N/A

* = Standard Color
 S = Available on special order
 N/A = Not Available

PHYSICAL CHARACTERISTICS

Material	Temperature Tolerances	Melts	Elongation at Break	Shrinkage
Polyethylene Terephthalate	-100 to 260°F (-70 to 125°C)	500°F (260°C)	21%	4% at 350°F (3 minutes)
Flame Retardant PET	-100 to 225°F (-70 to 125°C)	500°F (250°C)	25-40%	4.5% at 350°F (3 minutes)
Halar	-100 to 300°F (-70 to 150°C)	465°F (240°C)	25%	3-4% at 350°F

† (Halar is a registered trademark of E.I. duPont de Nemours & Co.)