

SLEEVING



NATVAR E-MF FR FLAME RETARDANT EXPANDABLE MONOFILAMENT SLEEVING

Rated for 125°C
UL recognized card # 101801

PRODUCT DESCRIPTION

Natvar E-MF FR is a braided flame retardant Polyethylene Terephthalate (PET) monofilament sleeving designed for military, commercial and industrial applications where flame resistance protection as well as flexibility and abrasion resistance are required. E-MF FR sleeving is flexible and lightweight and expands to two or three times its original ID when the length is contracted, allowing easy installation. When relaxed, the sleeving forms a snug and customized fit even over the most irregular objects without the use of heat or special tools.

In addition to the expansive characteristics, E-MF FR is resistant to most chemical environments and common solvents. E-MF FR while impervious to rot and fungus, will not degrade when exposed to grease, oils, fuels and salt water.

Natvar E-MF FR has been specially processed to provide a rounder, more fray-resistant product that resists flattening and creasing even after prolonged spooling. The rounder product has proven easier to apply in most situations as the need for cuffing has virtually been eliminated.

E-MF FR is supplied as standard in black or white with a criss-crossing tracer for easy identification

PRODUCT ADVANTAGES

E-MF FR is as tough flexible protective sleeving which exhibits the following:

- Expands to 2-3 times its original ID for quick, easy application.
- High abrasion and cut-thru resistance.
- Flexible down to -70°C (-94°F)
- Withstands short-term temperature extremes up to 160°C (320°F).
- UL recognized - rated 125°C (257°F). File #E 101801
- Not affected by most chemicals, fuels, oils, common solvents and salt water.
- Impervious to rot and fungus (MIL-I-631)
- Cost effective replacement for heat shrink where shrink tubing is being used for abrasion resistance.
- Rounder, more fray-resistant than most competitive products.

NATVAR
A **TEKNIplex** Company

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TYPICAL PROPERTIES		
Property	Test Method	Typical Value
Melt Temperature	ASTM D-2117	320
P.S.I.		
Elongation %	ASTM D-876	20
Flammability	UL - 1441	VW-1
Fungus Resistance	MIL-I-631	0-1
Moisture Absorption	ASTM D-570	.08
Strand Diameter		.010 IN.
Wall Thickness		.025 IN.

E-MF FR

Nom.	Diameter Range		Std Spl Lgth (FT)	Lbs per MFT
	Min.	Max.		
1/8	3/32	1/4	1000	1.8
1/4	1/8	3/8	1000	3.9
3/8	3/16	3/4	1000	5.2
1/2	1/4	3/4	500	7.4
3/4	1/2	1 1/4	250	10.4
1 1/4	3/4	1 1/2	250	15.0
1 1/2	1"	2 1/2	200	19.6
1 3/4	1 1/4	2 3/4	100	26.3
2"	1 1/2	3 1/2	100	33.0