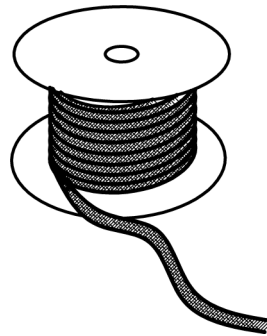


RoHS  
Compliant



## Physical Properties:

Monofilament Dia. (ASTM D-204)	: 0.01
Flammability Rating	: FAR 25, FMVSS 302
Recommended Cutting	: Hot Knife
Wall Thickness	: 0.025
Tensile Strength (ASTM D-2556)	: 85,000 psi
Abrasion Resistance (ASTM D4157)	: High
Tenacity (Gm/Denier) ASTM D-638	: 4.5
Specific Gravity (ASTM D-792)	: 1.38
Moisture Absorption (ASTM D-570)	: 0.08%
Smoke D-Max (ASTM E-662)	: 56
Toxicity Index (USN 713)	: 4.2

## Typical Elongation (ASTM D-2256-80):

Break	: 15
3g/Denier	: 5

## Hard Vacuum Data (ASTM E-595 at 10-5 torr):

TML	: 0.51
CVCM	: 0
WVR	: 0.1

## Operating Temperatures:

Minimum Continuous	: -75°C [-103°F]
Maximum Continuous (Mil-I-23053)	: 125°C [257°F]
Melt (ASTM D-2117)	: 230°C [446°F]

# Expandable Sleeving



## Chemical Resistance (1 = No Effect, 2 = Little Effect, 3 = Affected)

Aromatic Solvents	: 2
Aliphatic Solvents	: 1
Chlorinated Solvents	: 3
Weak Bases	: 1
Salts	: 1
Strong Bases	: 2
Salt Water (O-S-1926)	: 1
Hydraulic Fluid (MIL-H-5606)	: 1
Lube Oil (MIL-L-7808)	: 1
De-Icing Fluid (MIL-A-8243)	: 1
Strong Acids	: 3
Strong Oxidants	: 2
Esters/Keytones	: 1
UV Light	: 1
Petroleum	: 1
Fungus (ASTM G-21)	: 1
Outgassing	: Med
Oxygen Index (ASTM D2863)	: 21
Halogen Free	: Yes

## Part Number Table

Description	Nominal Size (Inch)	Colour	Expansion Range		Spool Length (Feet)	Part Number
			Min.	Max.		
PET (Polyethylene Terephthalate)	1/8	Black	3/32	1/4	100	8465-0228
	1/4	Black	1/8	7/16		8465-0229
		Clear				8465-0229-CLR
		Neon Red				8465-0229-NRED
		Neon Yellow				8465-0229-NYEL
		Neon Green				8465-0229-NGRN
		Neon Blue				8465-0229-NBLU
		Orange				8465-0229-ORG
		Purple				8465-0229-PUR
	3/8	Black	3/16	5/8	100	8465-0230
	1/2	Black	1/4	3/4	100	8465-0231
		Clear				8465-0231-CLR
		Neon Red				8465-0231-NRED
		Neon Yellow				8465-0231-NYEL
		Neon Green				8465-0231-NGRN
		Neon Blue				8465-0231-NBLU
		Orange				8465-0231-ORG
		Purple				8465-0231-PUR



## Part Number Table

Description	Nominal Size (Inch)	Colour	Expansion Range		Spool Length (Feet)	Part Number
			Min.	Max.		
PET (Polyethylene Terephthalate)	3/4	Black	1/2	1-1/4	50	8465-0232
		Clear				8465-0232-CLR
		Neon Red				8465-0232-NRED
		Neon Yellow				8465-0232-NYEL
		Neon Green				8465.0232-NGRN
		Neon Blue				8465-0232-NBLU
		Orange				8465-0232-ORG
		Purple				8465-0232-PUR
	1-1/4	Black	3/4	1-3/4	50	8465-0233
		Clear				8465-0233-CLR
		Neon Red				8465-0233-NRED
		Neon Yellow				8465-0233-NYEL
		Neon Green				8465.0233-NGRN
		Neon Blue				8465-0233-NBLU
		Orange				8465-0233-ORG
		Purple				8465-0233-PUR
	1-1/2	Black	1	2-1/2	50	8465-0234
	1-3/4	Black	1-1/4	2-3/4	25	8465-0235
	2	Black	1-1/2	3-1/2	25	8465-0236
	2-1/2	Black	1-3/4	4-1/2	25	8465-0237

### Shelf Life For Polyethylene Terephthalate

With or without FR additive

Shelf life for braided sleeving made with PET (Polyethylene Terephthalate) is indefinite under normal storage conditions.

Generally, "normal storage conditions" is a typical warehouse setting. The product should be:

-stored indoors

-where temperature doesn't exceed the minimum/maximum operating temperatures of

-103F/257F

-without constant exposure to chemicals such as aromatic solvents, chlorinated solvents, strong bases, strong acids, strong oxidants, which can affect polyester.

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