



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.		
Polyethylene Expandable Sleeving	1/8	Black	3/32	1/4	100	8465-0228
	1/4	Black	1/8	7/16		8465-0229-BLK
		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	8465-0231-BLK	
		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				



Expandable Sleeving



Description	Nominal Size (Inch)	Colour	Expansion Range		Spool Length (Feet)	Part Number
			Min.	Max.		
Polyethylene Expandable Sleeving	3/4	Black	1/2	1-1/4	50	8465-0232-BLK
		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-BLK
		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

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