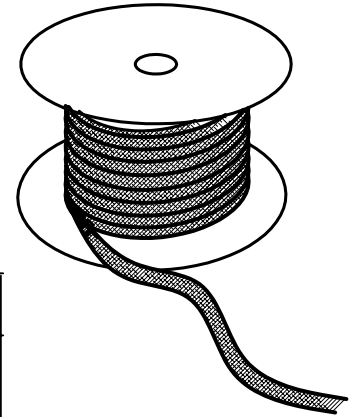


DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
673	C	Renamed & Redrawn	JWM	9/25/01	JC	10/29/01	JC	10/29/01
1836	D	Colors added	JWM	11/17/05	HO	11/17/05	HO	11/17/05



Nominal Size (Inch)	SPC Mfg No.	Color	Expansion Range		Spool Length (Feet)
			Min.	Max.	
1/8	8465-0228	Black	3/32	1/4	100
1/4	8465-0229-BLK	Black	1/8	7/16	
	8465-0229-CLR	Clear			
	8465-0229-NRED	Neon Red			
	8465-0229-NYEL	Neon Yellow			
	8465-0229-NGRN	Neon Green			
	8465-0229-NBLU	Neon Blue			
8465-0229-ORG	Orange				
8465-0229-PUR	Purple				
3/8	8465-0230	Black	3/16	5/8	100
1/2	8465-0231-BLK	Black	1/4	3/4	100
	8465-0231-CLR	Clear			
	8465-0231-NRED	Neon Red			
	8465-0231-NYEL	Neon Yellow			
	8465-0231-NGRN	Neon Green			
	8465-0231-NBLU	Neon Blue			
	8465-0231-ORG	Orange			
8465-0231-PUR	Purple				
3/4	8465-0232-BLK	Black	1/2	1-1/4	50
	8465-0232-CLR	Clear			
	8465-0232-NRED	Neon Red			
	8465-0232-NYEL	Neon Yellow			
	8465-0232-NGRN	Neon Green			
	8465-0232-NBLU	Neon Blue			
	8465-0232-ORG	Orange			
8465-0232-PUR	Purple				
1-1/4	8465-0233-BLK	Black	3/4	1-3/4	50
	8465-0233-CLR	Clear			
	8465-0233-NRED	Neon Red			
	8465-0233-NYEL	Neon Yellow			
	8465-0233-NGRN	Neon Green			
	8465-0233-NBLU	Neon Blue			
	8465-0233-ORG	Orange			
8465-0233-PUR	Purple				
1-1/2	8465-0234	Black	1	2-1/2	50
1-3/4	8465-0235	Black	1-1/4	2-3/4	25
2	8465-0236	Black	1-1/2	3-1/2	25
2-1/2	8465-0237	Black	1-3/4	4-1/2	25



SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	JAP	7/16/96	Polyethylene Expandable Sleeving			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JC	8/14/96	A	TA-416	TA-416.DWG	D
APPROVED BY:	DATE:	SCALE:		U.O.M.:		
BB	8/14/96	NTS		INCHES [mm]		
			SHEET:		1 OF 2	

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Physical Properties

- Monofilament Dia.(ASTM D-204): .010
- Flammability Rating: FAR 25, FMVSS 302
- Recommended Cutting: Hot Knife
- Wall Thickness: 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): .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: .51
- CVCM: 0
- WVR: .10

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]

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

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	A	TA-416	TA-416.dwg	D
DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398	SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 2 OF 2	