



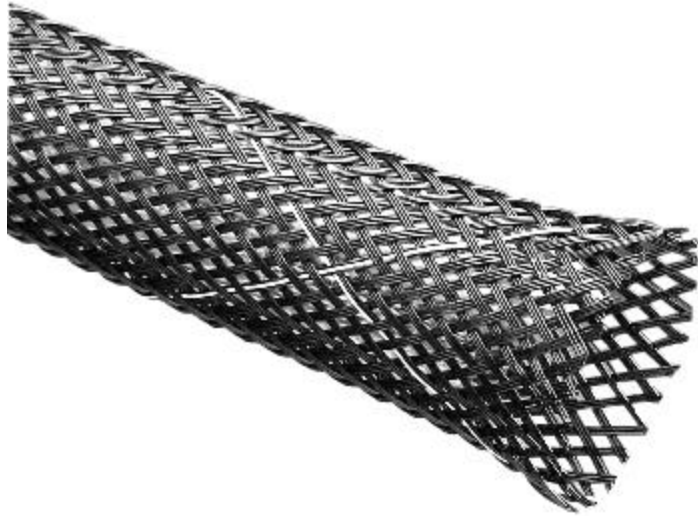
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SPC-F008.DWG

REVISIONS

DOC. NO. SPC-F008 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1836	A	RELEASED	JWM	4/11/07	JN	3/11/08	JN	3/11/08



NOTES:

- Material: Flame Retardant Grade Polyester PET
- Microfilament Dia.: .008 (ASTM D-204)
- Flammability Rating: VW-1
- Preferred Cutting Method: Scissor
- Expansion: 1-2
- Continuous Operating Temp: -75°C to 125°C [-103°F~257°F] (MIL-I-23053)
- Melt Temp.: 250°C [482°F] (ASTM D-2117)
- Moisture Absorption: 0.08 % (ASTM D-570)
- Smoke D-Max: 275 (Flaming Mode ASTM E662)
- Toxicity Index: 6.2 (US Naval Eng Std #713)
- Hard Vacuum Data: TML: 0.19 %, CVCM: 0.01 %, WVR: 0.11 %
- Tensile Strength: 55,000 PSI (ASTM D-2256)
- Outgassing: med
- Oxygen Index: 31 (ASTM D-2863)
- Hydrogen Free: Yes
- Abrasion Resistance: High (ASTM D-4157)
- Color: Black with White Tracer
- Splice/Spool: 3 or less



Chemical Resistance

Agent	Effect	Testing Method
Aromatic Solvents	2	N/A
Aliphatic Solvents	1	N/A
Chlorinated Solvents	3	N/A
Weak Bases	1	N/A
Salts	1	N/A
Strong Bases	2	N/A
Salt Water	1	O-S-1926
Hydraulic Fluid	1	MIL-H-5606
Lube Oil	1	MIL-L-7808
De-Ice Fluid	1	MIL-A-8243
Strong Acids	3	N/A
Strong Oxidants	2	N/A
Esters Keytones	2	N/A
UV Light	1	N/A
Petroleum	1	N/A
Fungus	1	ASTM G-21*

* MIL-1-744, MIL-STD 810/508
MIL-E-5272, MIL-1-1631

- 1 - No Effect
- 2 - Little Effect
- 3 - Moderate Effect
- 4 - Greater Effect

Part No.	Nominal Size (Inches)	Min Dia (Inches)	Max Dia (Inches)	Spool Length (Feet)	Nominal OD	Nominal ID	Weight /1000'
SPC20168	1/8	1/8	1/4	100	0.173	0.125	3.96 lbs.
SPC20169	1/4	5/32	7/16	100	.298	.25	4.64
SPC20170	3/8	3/16	5/8	100	.423	.375	7.44
SPC20171	1/2	1/4	3/4	100	.548	.50	8.22
SPC20172	3/4	5/8	1	50	.798	.75	11.13
SPC20173	1	3/4	1-3/16	50	1.048	1.0	12.36
SPC20174	1-1/4	1	1-1/2	50	1.298	1.25	15.55
SPC20175	1-1/2	1-1/4	2	50	1.548	1.5	18.50

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Dan McVicker	4/11/07
CHECKED BY:	DATE:
Jason Nash	3/11/08
APPROVED BY:	DATE:
Jason Nash	3/11/08

DRAWING TITLE: Expandable Sleeving, Flame Retardant, Fray Resistant			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-822	TA-822	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	