SPC TECHNOLOGY

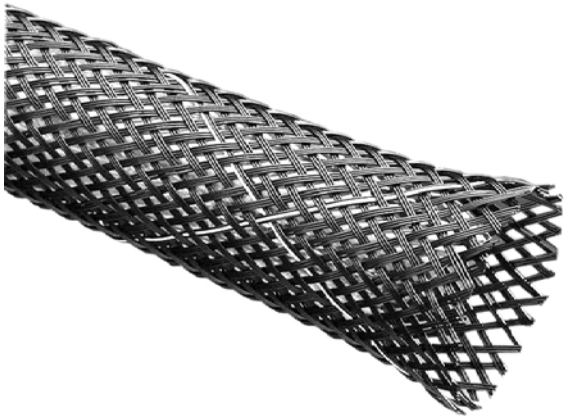
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SPC-F005.DWG

REVISIONS

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1836	A	Released	JWM	5/8/07	JN	03/11/08	JN	03/11/08
2071	B	Parts Added	JN	09-11-09	JN	09-11-09	JN	09-11-09



RoHS Compliant

Strength and Abrasion

Tensile Strength:	55000
Abrasion Resistance:	High
Tenacity gms/denier:	4.6
Typical Elongation:	Break: 15 3g/denier: 5
Specific Gravity	1.38

Flammability

Moisture Absorption	0.08
Smoke D-Max	275
Toxicity Index	6.2
Flammability Rating	VW-1, FR-1

Outgassing

Outgassing	Moderate
Oxygen Index	31
Halogen Free	Yes

Temperatures

Maximum	125°C, 257°F
Minimum	-75°C, -103°F
Melt	230°C, 482°F

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

SPC Type No.	Nominal Size *(Inches)*	Min. *(Inches)*	Max. *(Inches)*	Spool *(Feet)*
SPC20176	1/8	0.093	0.25	100
SPC20177	1/4	0.125	0.4375	100
SPC20178	1/2	0.25	0.75	100
SPC20179	3/4	0.5	1.25	50
SPC20180	1-1/4	0.75	1.75	50
SPC20181	1-3/4	1.25	2.75	25
SPC20182	2	1.5	3.5	25
SPC20183	2-1/2	1.75	4.5	25

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TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jeff McVicker	5/8/07
CHECKED BY:	DATE:
Jason Nash	03/11/08
APPROVED BY:	DATE:
Jason Nash	03/11/08

DRAWING TITLE: Flame Retardant Flexible sleeving

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-809	TA-809.DWG	B

SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 1