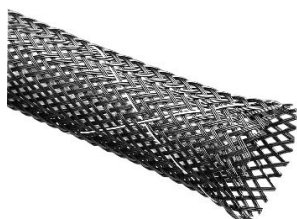


Expandable Woven Sleeving

Fray Resistant, Flame Retardant

pro-POWER

RoHS
Compliant



Specifications:

Material	: Flame Retardant Grade Polyester PET
Micro-filament Dia.	: 0.008 (ASTM D-204)
Flammability Rating	: VW-1
Preferred Cutting Method	: Scissor
Expansion	: 1 to 2
Continuous Operating Temp.	: -75°C to +125°C [-103°F to +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)
Colour	: 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

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Expandable Woven Sleeving

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Part Number Table

Description	Nominal Size (Inches)	Min Dia (Inches)	Max Dia (Inches)	Spool Length (Feet)	Nominal OD	Nominal ID	Weight / 1,000'	Part Number
Expandable Woven Sleeving, Fray Resistant, Flame Retardant	1/8	1/8	1/4	100	0.173	0.125	3.96 lbs.	SPC20168
	1/4	5/32	7/16		0.298	0.25	4.64	SPC20169
	3/8	3/16	5/8		0.423	0.375	7.44	SPC20170
	1/2	1/4	3/4		0.548	0.5	8.22	SPC20171
	3/4	5/8	1	50	0.798	0.75	11.13	SPC20172
	1	3/4	1-3/16		1.048	1	12.36	SPC20173
	1-1/4	1	1-1/2		1.298	1.25	15.55	SPC20174
	1-1/2	1-1/4	2		1.548	1.5	18.50	SPC20175

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