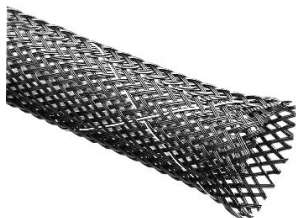


# Expandable Woven Sleeving

## Fray Resistant, Flame Retardant

**multicomp**PRO

**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

Newark.com/multicomp-pro

Farnell.com/multicomp-pro

sg.element14.com/b/multicomp-pro

**multicomp**PRO

# Expandable Woven Sleeving

## Fray Resistant, Flame Retardant

**multicomp**PRO

**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

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp**PRO