



# FLEXO® SHIELD

- Economical & Easy To Install
- Cut & Abrasion Resistant
- Extremely Flexible And Lightweight
- Flame Retardant
- Cuts With Shears
- Excellent EMI Shielding (1 MHz To 1 GHz)

**Put-Ups**

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/8"	FSN0.13SV	1/16"	1/4"	328'	n/a	Silver	0.74
3/8"	FSN0.38SV	1/4"	1/2"	328'	n/a	Silver	1.38
1/2"	FSN0.50SV	3/8"	3/4"	328'	n/a	Silver	2.09
3/4"	FSN0.75SV	1/2"	1"	328'	n/a	Silver	2.80

## High Temperature Shielded Expandable Sleeving

Flexo Shield is a high performance EMI (Electromagnetic Interference) shielded, braided expandable sleeving. Flexo Shield is cut and abrasion resistant, flexible and lightweight. Our sleeving can help fulfill the requirements of the internationally recognized standard CISPR25 for frequencies ranging from 10 KHz to 1 GHz. It does this by assisting in the shielding of wires that are attached to these electronic components which require this rating.

With its high temperature Aramid fiber cores and low angle braid, Flexo Shield can expand and contract to a limited degree to create a perfect fit. Flexo Shield braid fibers create a sleeve that provides good EMI protection and yields a material with outstanding flex-life.

Flexo Shield is great for applications where light weight and high performance are needed such as: computer systems, electronic office equipment, medical electronics, communication systems and many more. Techflex Flexo Shield is intended for high flex, high temperature, and environmentally tough applications, therefore making it appropriate for several aerospace applications.

■ Colors Available:  
Silver (SV)



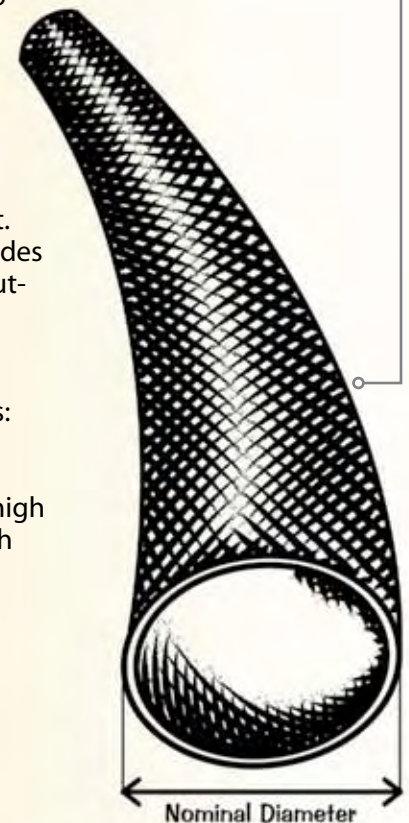
Cut Cleanly  
Shears

**Material**  
Aramid & Tinned Copper

**Grade**  
FSN

**Monofilament Diameter**  
.010"

Flexo Shield sleeving is used where light weight, high performance, high flex and high temperature are needed.



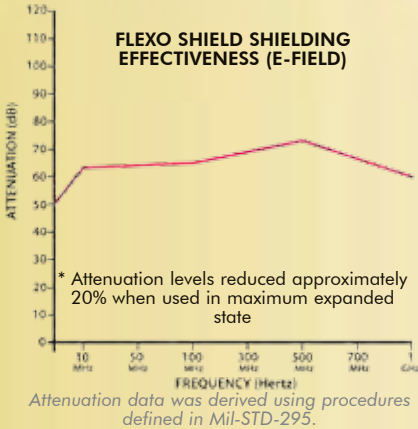
[www.techflex.dk](http://www.techflex.dk)

VW-1





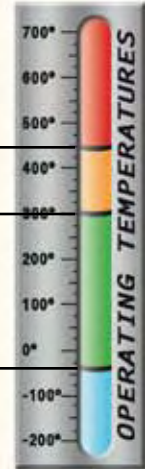
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**Melt Point**  
ASTM D-2117  
**449°F (232°C)**

**Maximum Continuous**  
Mil-I-23053  
**302°F (150°C)**

**Minimum Continuous**  
**-40°F (-40°C)**



## Chemical Resistance

1=No Effect    4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

Aromatic Solvents	_____	2
Aliphatic Solvents	_____	1
Chlorinated Solvents	_____	3
Weak Bases	_____	1
Salts	_____	1
Strong Bases	_____	2
Salt Water 0-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
Halogen Free	_____	
RoHS	_____	Yes



Rating \_\_\_\_\_ UL, VW-1

## PHYSICAL PROPERTIES

Monofilament Diameter	_____	.010
ASTM D-204		
Flammability Rating	_____	UL
Recommended Cutting	_____	Shears
Colors	_____	1
Wall Thickness	_____	.025
Abrasion	_____	Low
Tensile Strength (Yarn)	_____	
ASTM D-2256 Lbs		
Specific Gravity ASTM D-792	_____	NA
Moisture Absorption	_____	NA
% ASTM D-570		
Hard Vacuum Data ASTM E-595 at 10-5 torr		