



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)

Nominal Size	Part #	Wall Thickness	Expansion Range		Put-Ups		Available Colors	Lbs/ 100'
			Min	Max	Bulk Spool	Shop Spool		
1/8"	FSN0.13SV	.013"	1/16"	1/4"	328'	164'	Silver	0.74
3/8"	FSN0.38SV	.013"	1/4"	1/2"	328'	164'	Silver	1.38
1/2"	FSN0.50SV	.013"	3/8"	3/4"	328'	164'	Silver	2.09
3/4"	FSN0.75SV	.013"	1/2"	1"	328'	164'	Silver	2.80
1"	FSN1.00SV	.025"	3/4"	1 1/4"	328'	164'	Silver	2.90
1 1/4"	FSN1.25SV	.025"	1"	1 1/2"	328'	164'	Silver	3.40
1 1/2"	FSN1.50SV	.025"	1 1/4"	1 3/4"	328'	164'	Silver	3.90

High Temperature Shielded Expandable Sleeving



**Cut Cleanly
Shears**

Material
Aramid & Tinned Copper

Grade
FSN

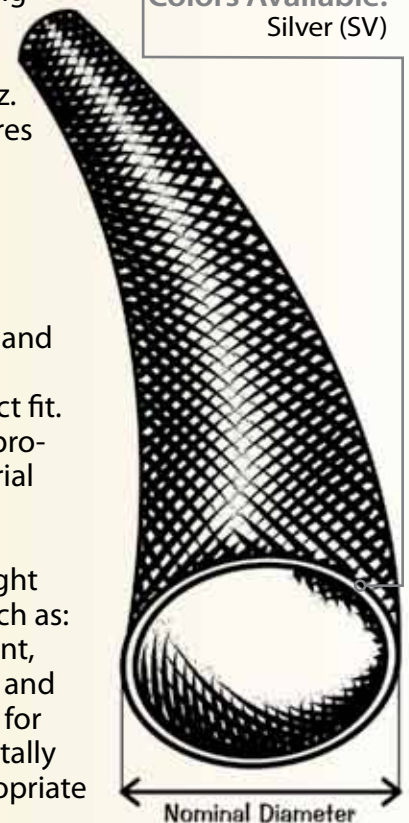
Monofilament Diameter
.010"

Flexo Shield is a high performance EMI (Electro-magnetic 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. The material is also great for hose covering on hot rods and motorcycles.

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)



www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

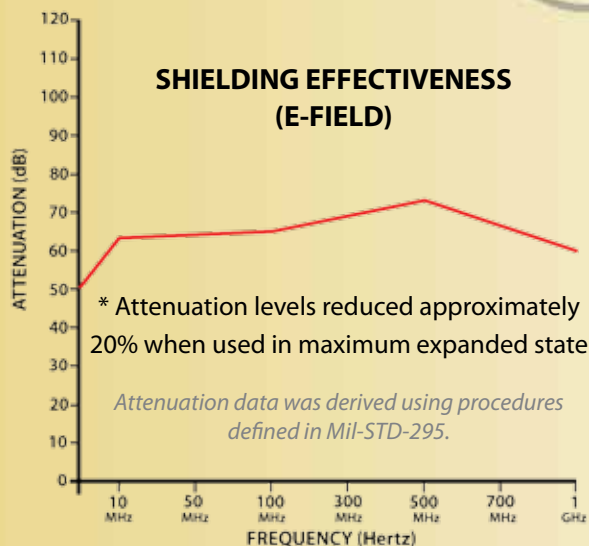
Flexo Shield sleeving is used where light weight, high performance, high flex and high temperature are needed.

VW-1





FLEXO® SHIELD



Chemical Resistance

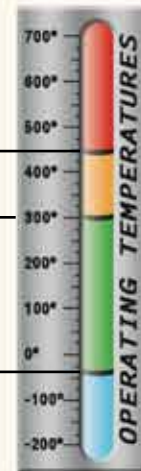
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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
RoHS	Yes

Melt Point
ASTM D-2117
449°F (232°C)

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

Minimum Continuous
-40°F (40°C)



Rating _____ UL, VW-1



Monofilament Diameter _____ 010
ASTM D-204

Flammability Rating _____ UL

Recommended Cutting _____ Shears

Colors _____ 1

Wall Thickness _____ .025

Abrasion _____ Low