



- 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		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
			Min	Max				
*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

* = VW-1 Sizes 1/8" - 3/4"

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. 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 out-standing 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.

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



Cut Cleanly
Shears

Material

Aramid & Tinned Copper

Grade

FSN

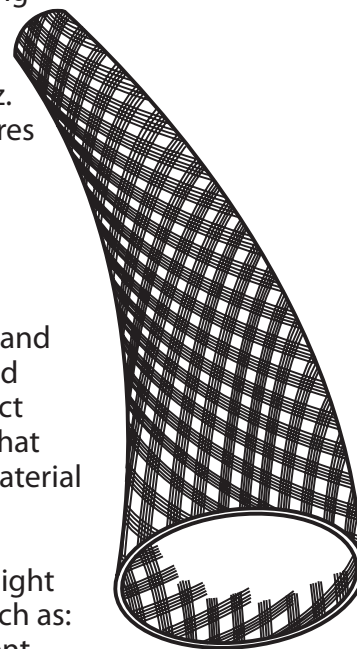
Monofilament Diameter

.010"

Drawing Number

TF001FSN-WD

Colors Available:
Silver (SV)

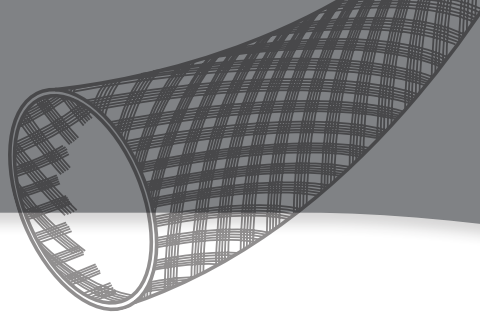


www.techflex.com

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VW-1





PHYSICAL PROPERTIES

Monofilament Diameter _____ .010"
ASTM D-204

Flammability Rating _____ UL

Recommended Cutting _____ Shears

Colors _____ 1

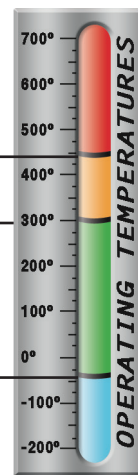
Wall Thickness _____ .013"-.025"

Abrasion _____ Low

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/Ketones _____ 1

UV Light _____ 1

Petroleum _____ 1

Fungus *ASTM G-21* _____ 1

RoHS _____ Yes



FLAMMABILITY

Rating _____ UL, VW-1

