

- 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 #	Wall Thickness	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Kgs/100m
			Min	Max				
*3,2mm	FSN0.13SV	0,33mm	1,6mm	6,4mm	100m	50m	Silver	1,10
*9,5mm	FSN0.38SV	0,33mm	6,4mm	12,7mm	100m	50m	Silver	2,05
*12,7mm	FSN0.50SV	0,33mm	9,5mm	19,1mm	100m	50m	Silver	3,11
*19,1mm	FSN0.75SV	0,33mm	12,7mm	25,4mm	100m	50m	Silver	4,17
25,4mm	FSN1.00SV	0,64mm	19,1mm	31,8mm	100m	50m	Silver	4,32
31,8mm	FSN1.25SV	0,64mm	25,4mm	38,1mm	100m	50m	Silver	5,06
38,1mm	FSN1.50SV	0,64mm	31,8mm	44,5mm	100m	50m	Silver	5,80

* VW-1 Sizes 3,2mm - 19,1mm

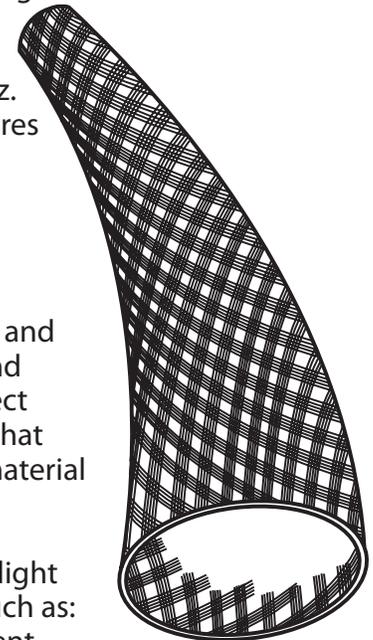
High Temperature Shielded Expandable Sleeving

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.

Colors Available:
Silver (SV)



Cut Cleanly
Shears



Material
Aramid & Tinned Copper

Grade
FSN

Monofilament Diameter
0,25mm

Drawing Number
TF001FSN-WD

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.

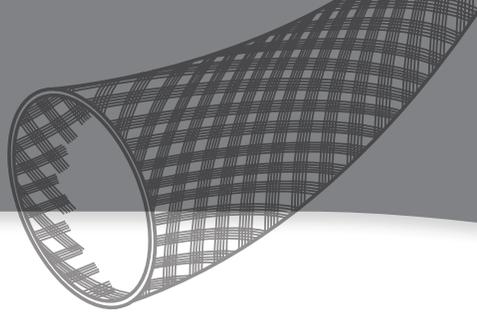
Flexo® Shield is great for applications where light weight and high performance are needed such as: computer systems, electronic office equipment, medical electronics, communication systems and many more. Techflex® Flexo® Shield is intended for high flex, high temperature, and environmentally tough applications,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



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PHYSICAL PROPERTIES

Monofilament Diameter _____ 0,25mm
ASTM D-204

Flammability Rating _____ UL

Recommended Cutting _____ Shears

Colors _____ 1

Wall Thickness _____ 0,33-0,64mm

Abrasion _____ Low

Melt Point

ASTM D-2117

449°F (232°C)

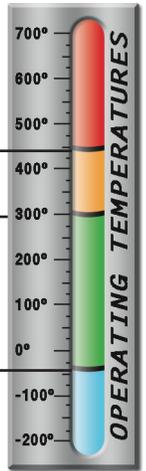
Maximum Continuous

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 <i>O-S-1926</i> _____	1
Hydraulic Fluid <i>MIL-H-5606</i> _____	1
Lube Oil <i>MIL-L-7808</i> _____	1
De-Icing Fluid <i>MIL-A-8243</i> _____	1
Strong Acids _____	3
Strong Oxidants _____	2
Esters/Ketones _____	1
UV Light _____	1
Petroleum _____	1
Fungus <i>ASTM G-21</i> _____	1
RoHS _____	Yes



FLAMMABILITY

Rating _____ UL, VW-1

