



FLEXO 6 MIL

- Easy to Engineer To Unique Specifications
- Economical, Long Lasting Filtration Solutions
- Wide Range Of Available Materials
- Can be Fabricated Into Custom Configurations
- Cut And Abrasion Resistant
- Reduced Wall Thickness



**Cut Cleanly
Hot Knife**

Material
PET*

Grade
FFN

Monofilament Diameter
.006"

Drawing Number
TF001FF-WD

*Techflex Flexo 6 Mil can be made in polypropylene for varied chemical resistance.

Put-Ups

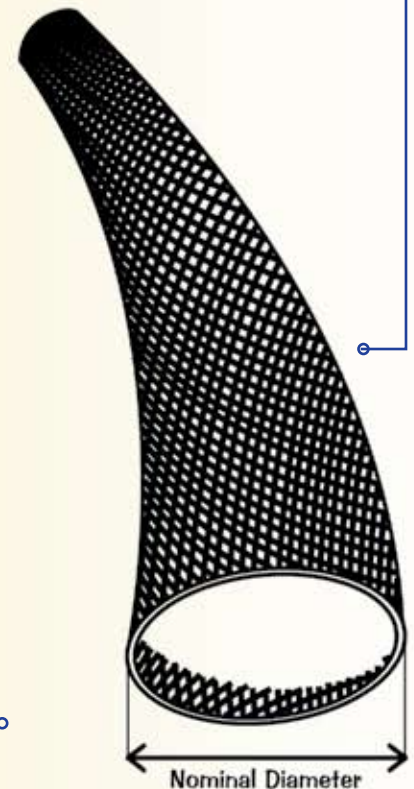
Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Clam	Bag	Available Colors	Lbs/100'
		Min	Max						
1/8"	FFN0.13CL	1/16"	1/2"	1,000'	225'	25'	10'	CL	0.18
1/4"	FFN0.25CL	3/16"	3/8"	1,000'	200'	25'	10'	CL	0.33
5/16"	FFN0.31CL	5/16"	7/16"	500'	150'	25'	10'	CL	0.43
3/8"	FFN0.38CL	5/16"	5/8"	500'	125'	25'	10'	CL	0.53
1/2"	FFN0.50CL	1/2"	3/4"	500'	100'	25'	10'	CL	0.82
5/8"	FFN0.63CL	1/2"	1"	250'	100'	25'	10'	CL	1.00

High Density Fine Thread Sleevling

One of the most unique applications for expandable braided sleevling is the filtration of small particles from flowing liquids.

Flexo 6 Mil uses chemical resistant PET fiber to create an ultra flexible sleeve. The small monofilaments bond easily when heated to create lasting shapes or with one end sealed completely a durable sock.

■ Colors Available:
Clear (CL)



■ A wide range of industrial, commercial and recreational filtration needs can be met with custom braided sleevling filtration elements.





FLEXO 6 MIL



Abrasion Resistance
Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g
Test End Loss Of Mass
Point Of Destruction
122.7 mg



Rating _____ ***UL94**
**UL 94 V-0 Raw Material*



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	_____	Yes
RoHS	_____	Yes
SVHC	_____	None

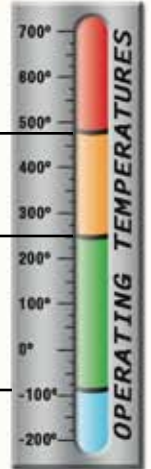
Melt Point
 ASTM D-2117

482°F (250°C)

Maximum Continuous
 Mil-I-23053

257°F (125°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter	_____	.006
Flammability Rating	_____	*UL94
<i>*UL 94 V-0 Raw Material</i>		
Recommended Cutting	_____	Hot Knife
Colors	_____	1
Wall Thickness	_____	.015
Tensile Strength (Yarn)	_____	4.5
<i>ASTM D-2256 Lbs</i>		
Specific Gravity ASTM D-792	_____	1.38
Moisture Absorption	_____	.1-.2
<i>% ASTM D-570</i>		
Hard Vacuum Data ASTM E-595 at 10-5 torr	_____	
TML	_____	.19
CVCM	_____	.00
WVR	_____	.16
Outgassing	_____	Med
Oxygen Index	_____	21
<i>ASTM D-2863</i>		

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