



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**
- **Reduced Wall Thickness**

High Density Fine Thread Sleeving

One of the most unique applications for expandable braided sleeving is the filtration of small particles from flowing liquids. Our standard FLEXO 6 MIL (FF) is a great off the shelf solution.

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.

Also sold by the name Filter Flexo.



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



Flexo Thin

FlexoThin
Expandable Braided Sleeving

Ultra Thin for Specialized Fiber Applications

Braided from ultra fine Nylon monofilament fibers, FLEXO THIN (FT) was created for applications where weight and wall thickness play a critical role. This material is strong enough to bundle multiple cables and fibers while naturally conforming to these types of applications. Many of today's micro optics and precision electronic harnesses use Flexo Thin to flexibly and attractively manage and route tiny assemblies.

Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/16"	FTN0.06CL	1/16"	3/16"	1,000'	200'	Clear (CL)	0.013
1/4"	FTN0.25CL	1/8"	1"	500'	200'	Clear (CL)	0.043

1/4" Flexo Thin's enormous expandability allows the management of large bundles of very fine wiring and optical cables.

800 323-5140
www.techflex.com



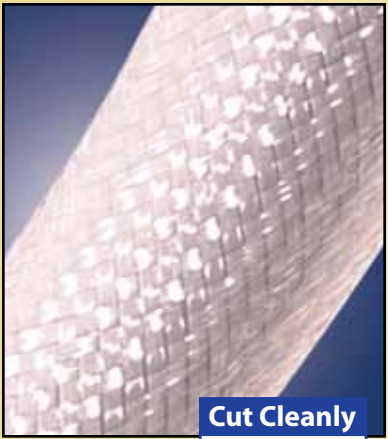


FLEXO 6 MIL

- 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

Put-Ups

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



**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.

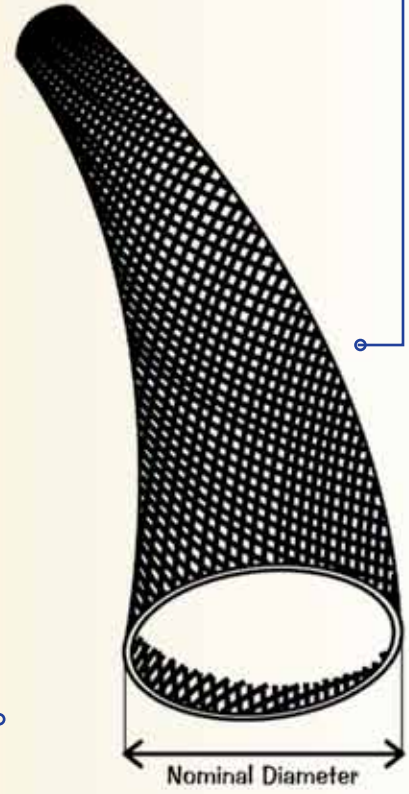
High Density Fine Thread Sleevings

One of the most unique applications for expandable braided sleeving 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 sleeving 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

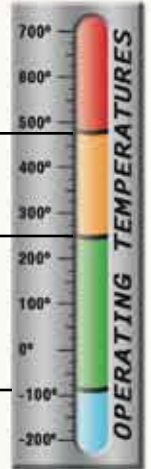
Melt Point
 ASTM D-2117

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>		

www.techflex.com