



- 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.



TECHFLEX
Braided Sleeving Products

www.techflex.com

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104 Demarest Road • Sparta, NJ 07871

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

Put-Ups

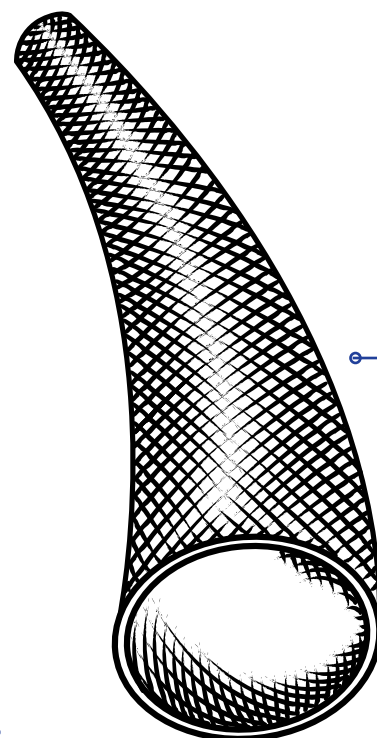
High Density Fine Thread Sleeving

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.





FLAMMABILITY

Rating _____ *UL94

*UL 94 V-O Raw Material

ABRASION

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

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)

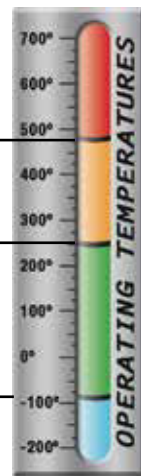
Maximum Continuous

MIL-I-23053

257°F (125°C)

Minimum Continuous

-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____ .006

Flammability Rating _____ *UL94

*UL 94 V-O Raw Material

Recommended Cutting _____ Hot Knife

Colors _____ 1

Wall Thickness _____ .015

Tensile Strength (Yarn) _____ 4.5

ASTM D-2256 Lbs

Specific Gravity ASTM D-792 _____ 1.38

Moisture Absorption _____ .1-.2

% ASTM D-570

Hard Vacuum Data _____

ASTM E-595 at 10-5 torr

TML _____ .19

CVCM _____ .00

WVR _____ .16

Outgassing _____ Med

Oxygen Index _____ 21

ASTM D-2863