



FLEXO® 6 MIL HIGH DENSITY FINE THREAD SLEEVING LONG LASTING FILTRATION SOLUTIONS · EASY TO ENGINEER TO UNIQUE SPECIFICATIONS

One of the most unique applications for expandable braided sleeving is the filtration of small particles from flowing liquids. Our Flexo® 6 Mil 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 filtration sock. 6 Mil is densely braided to provide extraordinary filtration and can easily be backflushed for cleaning without losing its shape or properties. Also sold by the name Filter Flexo®.

SIZING CHART

Nominal Size	Part #	Wall Thickness	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
					M	L		
1/8"	FFN0.13CL	.015"	1/16"	1/2"	225'	1,000'	1	0.18
1/4"	FFN0.25CL	.015"	3/16"	3/8"	200'	1,000'	1	0.33
5/16"	FFN0.31CL	.015"	5/16"	7/16"	150'	500'	1	0.43
3/8"	FFN0.38CL	.015"	5/16"	5/8"	125'	500'	1	0.53
1/2"	FFN0.50CL	.015"	1/2"	3/4"	100'	500'	1	0.82
5/8"	FFN0.63CL	.015"	1/2"	1"	100'	250'	1	1.00

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool

FEATURES

Material	*PET <i>*Techflex® Flexo® 6 Mil can be made in polypropylene for varied chemical resistance</i>
Grade	FFN
Monofilament Diameter	.006"
Drawing Number	TF001FFN-WD
Cutting	Hot Knife

COLORS



Silver (SV)

CERTIFICATIONS



TECHFLEX®
Braided Sleeving Products



ABRASION

Abrasion Resistance	
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Several Strands Broken	Test Cycles
Wear Pattern Continues	Test Cycles
Material Destroyed	Test Cycles
Pre-Test Weight	mg
Post-Test Weight	mg
Test End Loss Of Mass Point Of Destruction	mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.006"
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	.015"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	4.5
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	.1-.2
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max (ASTM E-662)	Medium
Outgassing	NA
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

Rating (UL 94 V-0 Raw Material)	UL94
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°C

CHEMICAL RESISTANCE

1=No Effect 2=Little Effect 3=Affected 4=More Affected 5=Severely Affected

Aromatic Solvents	2
Aliphatic Solvents	1
Chlorinated Solvents	3
Weak Bases	1
Salts	1
Strong Bases	2
Salt Water (O-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
Halogen Free	Yes
RoHS	Yes
SVHC	None