



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	Kgs/100m
					M	L		
3,2mm	FFN0.13CL	0,38mm	1,6mm	12,7mm	68,6m	304,8m	1	0,27
6,4mm	FFN0.25CL	0,38mm	4,8mm	9,5mm	61,0m	304,8m	1	0,49
7,9mm	FFN0.31CL	0,38mm	7,9mm	11,1mm	45,7m	152,4m	1	0,64
9,5mm	FFN0.38CL	0,38mm	7,9mm	15,9mm	38,1m	152,4m	1	0,79
12,7mm	FFN0.50CL	0,38mm	12,7mm	19,1mm	30,5m	152,4m	1	1,22
15,9mm	FFN0.63CL	0,38mm	12,7mm	25,4mm	30,5m	76,2m	1	1,49

*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	0,15mm
Drawing Number	TF001FFN-WD
Cutting	Hot Knife

COLORS



Silver (SV)

CERTIFICATIONS





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)	0,15mm
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	0,38mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	4,5
Specific Gravity (ASTM D-792)	1,38
Moisture Absorption % (ASTM D-570)	0,1 - 0,2%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	0,19
CVCM	0,00
WVR	0,16
Smoke D-Max (ASTM E-662)	Medium
Outgassing	NA
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

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

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

