





Material Nylon

Grade FTN

Monofilament Diameter .002" - .003"

Drawing Number TF001FT-WD



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			-ups —				
Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
1/16″	FTN0.06CL	1/16″	3/16″	1,000′	200′	Clear	0.013
1/4″	FTN0.25CL	1/8″	1″	500′	200′	Clear	0.043

Dest IIm

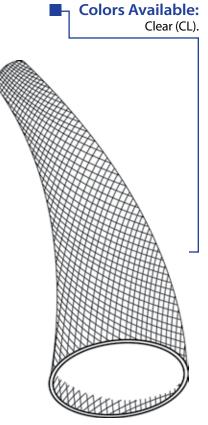
## Ultra Thin, Ultra Light For Specialized Fiber Applications

Braided from ultra fine Nylon<sup>®</sup> monofilament fibers, Flexo Thin 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 naturaly conforming to these type applications.

Many of today's micro optics and precision electronic harnesses use Flexo Thin to flexibly and attractively manage and route tiny assemblies.

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









Abrasion Resistance Very Low

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load **500g** 



1=No Effect4=More Affected2=Little Effect5=Severely Affected3=Affected

Aromatic Solvents	1
Aliphatic Solvents	
Chlorinated Solvents	
Weak Bases	
 Salts	
Strong Bases	
Salt Water 0-S-1926	
Hydraulic Fluid MIL-H-5606	
Lube Oil MIL-L-7808	
De-Icing Fluid MIL-A-8243	
Strong Acids	
Strong Oxidants	
Esters/Keytones	
UV Light	
Petroleum	
Fungus ASTM G-21	
Halogen Free	
RoHS	
SVHCN	

 
 Melt Point ASTM D-2117
 600\*

 428°F (220°C)
 500\*

 Maximum Continuous Mil-I-23053
 300\*

 248°F (120°C)
 200\*

 100\*
 100\*

Minimum Continuous -49°F (-45°C) TEMPERATURES

ERATING

OPI

100

200

## O PHYSICAL PROPERTIES

Monofilament Diameter ASTM D-204	002003
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	005008
Specific Gravity ASTM D-792_	1.14
Moisture Absorption % ASTM D-570	2.5
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	1.10
CVCM	.01
WVR	.69
Outgassing	
Oxygen Index ASTM D-2863	22

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