



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Size = 1/16"



Size = 1/4"

Material

Nylon

Grade

FTN

Monofilament Diameter

.002" - .003"

Drawing Number

TF001FT-WD

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
		Min	Max				
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

Put-Ups

Ultra Thin, Ultra Light For Specialized Fiber Applications

Braided from ultra fine Nylon® monofilament fibers, Flexo Thin was created for applications where weight and wall thickness play a critical role.

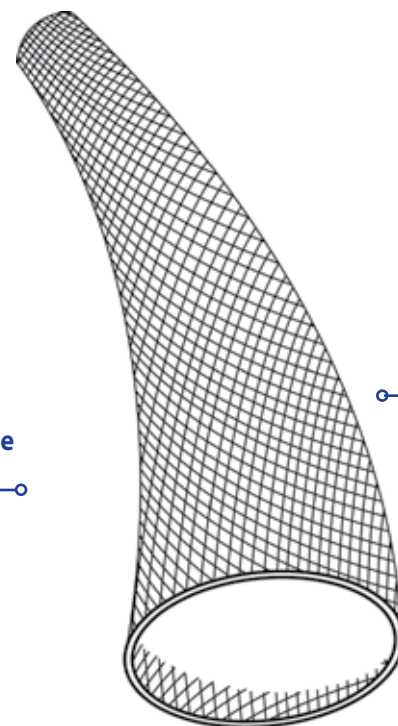
This material is strong enough to bundle multiple cables and fibers while naturally conforming to these type applications.

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

Colors Available:

Clear (CL).

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



www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

Nylon® is a registered trademark of DuPont Corporation.





ABRASION

Abrasion Resistance
Very Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

CHEMICAL RESISTANCE

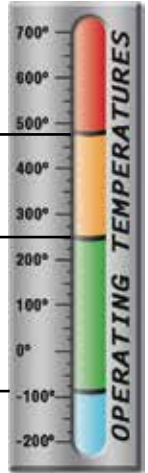
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Aromatic Solvents _____	1
Aliphatic Solvents _____	1
Chlorinated Solvents _____	1
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 _____	5
Strong Oxidants _____	5
Esters/Ketones _____	1
UV Light _____	2
Petroleum _____	2
Fungus ASTM G-21 _____	3
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	None

Melt Point
ASTM D-2117
428°F (220°C)

Maximum Continuous
Mil-I-23053
248°F (120°C)

Minimum Continuous
-49°F (-45°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	.002-.003
ASTM D-204	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.005-.008
Specific Gravity ASTM D-792 _____	1.14
Moisture Absorption _____	2.5
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	1.10
CVCM _____	.01
WVR _____	.69
Outgassing _____	High
Oxygen Index _____	22
ASTM D-2863	