Available

Colors

Lbs/ 100′

Put-Ups

Bulk

Spool



Size = ¹ / ₁₆ "	



Expansion Range

Ultra Thin, Ultra Light For **Specialized Fiber Applications**

Part #

Nominal

Size

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.

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







Material

Nylon

Grade FTN

Monofilament Diameter .002" - .003"

Size = 1/4'

Drawing Number TF001FT-WD





700

100

-200°

TURES

TEMPERA

OPERATING

ABRASION

Abrasion Resistance Low

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g



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

=More Affected
=Severely 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 <i>MIL-H-5606</i>	1
Lube Oil <i>MIL-L-7808</i>	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	600° — 500° —
428°F (220°C) -	500-
	400° -
Maximum Continuous	
Mil-I-23053	300° –
248°F (120°C)	200° –
	1000 -

Minimum Continuous -49°F (-45°C)

O PHYSICAL PROPERTIES

Monofilament Diameter002"003" ASTM D-204
Recommended CuttingHot Knife
Colors 1
Wall Thickness005"008"
Specific Gravity ASTM D-792 1.14
Moisture Absorption2.5 % ASTM D-570
Hard Vacuum Data ASTM E-595 at 10-5 torr
TML1.10
CVCM01
WVR69
Outgassing High
Oxygen Index 22 ASTM D-2863

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