



- Specialized Lightweight Resin Coating
- Will Not Fray When Cut With Scissors
- Expands Up To 150%
- Designed For Versatility Of Installation
- High Abrasion Resistance

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/8"	PTP0.13BK	1/16"	1/4"	1,000'	225'	Black BK	0.2
1/4"	PTP0.25BK	1/8"	3/8"	1,000'	200'	Black BK	0.3
3/8"	PTP0.38BK	3/16"	5/8"	500'	125'	Black BK	0.6
1/2"	PTP0.50BK	1/4"	3/4"	500'	100'	Black BK	0.8
5/8"	PTP0.63BK	3/8"	1 1/8"	500'	100'	Black BK	0.9
3/4"	PTP0.75BK	1/2"	1 1/4"	250'	75'	Black BK	1.2
1"	PTP1.00BK	5/8"	1 3/8"	250'	65'	Black BK	1.4
1 1/4"	PTP1.25BK	3/4"	1 1/2"	250'	50'	Black BK	1.6
1 1/2"	PTP1.50BK	1"	1 3/4"	200'	40'	Black BK	2.5
1 3/4"	PTP1.75BK	1 1/4"	2 3/4"	200'	30'	Black BK	2.7
2"	PTP2.00BK	1 1/2"	3 1/2"	200'	50'	Black BK	2.8

Put-Ups



Cut Cleanly
Scissors

Material
Polyethylene Terephthalate

Grade
PTP

Monofilament Diameter
.010"

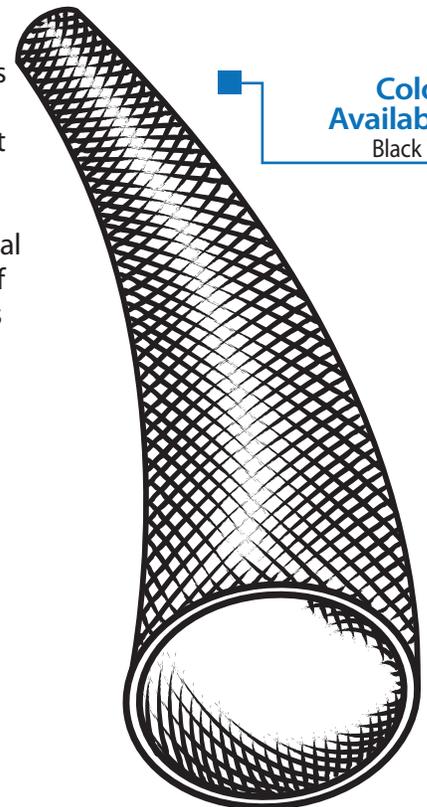
Drawing Number
TF001PET-WD

Flexo® PET PLUS Lightly Coated Expandable Sleeving For Easy Cutting And Durability

FLEXO® PET PLUS (PTP) has all the qualities of our legendary Flexo® PET, plus a highly specialized, fray-resistant resin coating that facilitates easy cutting with scissors.

Flexo® PET Plus is an elegant and economical choice for projects that call for versatility of installation and for situations where access to a hot knife is impossible. It cuts easily and cleanly with ordinary scissors.

In addition, Flexo® PET Plus has a wide operating temperature range and is resistant to chemical degradation, UV radiation, and abrasion.



Colors Available:
Black (BK)

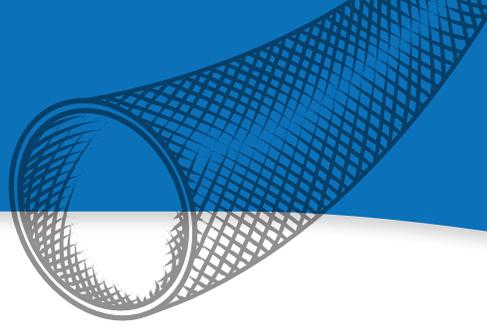
Will Not Fray When Cut With Scissors



www.techflex.com

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ABRASION FLAMMABILITY

Abrasion Resistance
High

Rating _____ UL94VO, FAR25,
FMVSS-302

Abrasion Test Method
SAE ARP 1536

Abrasion Test Machine
Abrasion Machine
IIEA-01

Abrasion Spec
30,000 Cycles Min.

Abrasion Force
2.5lb (1.1kg)

Abrasive Element:
0.5 (13mm)
precision ground
drill rod, 60-64 HRC /
16 Ra.

Two Broken Filament
300 Test Cycles

**Partial wear of upper and
lower filaments, contact
between mandrel and tool**
Average 86,820 Test
Cycles

CHEMICAL RESISTANCE

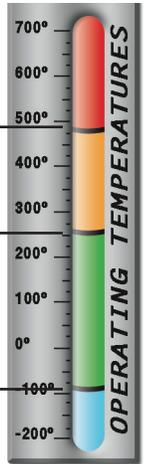
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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

Melt Point
ASTM D-2117
482°F (250°C)

Maximum Continuous
Mil-I-23053
257°F (125°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	.010"
ASTM D-204	
Flammability Rating _____	UL94
FMVSS-302 Approved	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.018" - .025"
Tensile Strength (Yarn) _____	7.5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	.19
CVCM _____	.00
WVR _____	.16
Smoke D-Max _____	56
ASTM E-662	
Outgassing _____	Med
Oxygen Index _____	21
ASTM D-2863	

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