

OVEREXPANDED

- Economical, Long Lasting Filtration Solutions
- Cut And Abrasion Resistant
- Expands Up To 200%
- Halogen Free



Cut Cleanly
Hot Knife

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Retail	Clam	Bag	Available Colors	Lbs/100'
		Min	Max							
1/4"	PTO0.25BK	1/8"	1/2"	1,000'	200'	100'	25'	10'	BK	0.24
3/8"	PTO0.38	3/16"	1"	500'	125'	60'	25'	10'	7	0.52
1/2"	PTO0.50	7/16"	1 3/8"	500'	100'	50'	25'	10'	BK, CL	0.63

Extra Expansion For Easy Application

Techflex Overexpanded FLEXO PET has many uses where inexpensive bundling is the principal consideration. Created to provide a fast easy bundling solution for automotive and marine wiring.

Overexpanded opens nearly 4-to-1 making it very easy to apply. The open construction allows the underlying harness or covering to show through for a unique and attractive assembly.

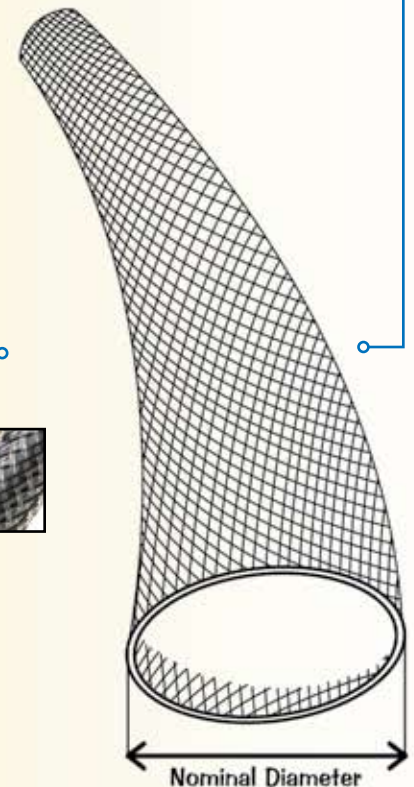
Colors Available:
7 = BK, CL, PP, NB, RD, NY and CB.

Overexpanded material technical specs are the same as our standard Flexo PET.

Colors Available:



Black (BK), Clear (CL), Purple (PP), Neon Blue (NB), Red (RD), Neon Yellow (NY) and Carbon (CB).



Material	Polyethylene Terephthalate
Grade	PTO
Monofilament Diameter	.010"
Drawing Number	TF001PTO-WD



OVEREXPANDED



Abrasion Resistance
Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
79°F

Humidity
70%

Two Strands
Visibly Broken
125 Test Cycles

Wear Pattern
Continues, Material
Begins To Break Down
200 Test Cycles

Material Destroyed
350 Test Cycles

Pre-Test Weight
1,592.77 mg

Post-Test Weight
1,461.22 mg

Test End Loss Of Mass
Point Of Destruction
131.55 mg



Rating _____ **UL94VO, FAR25,**
FMVSS-302



Chemical Resistance

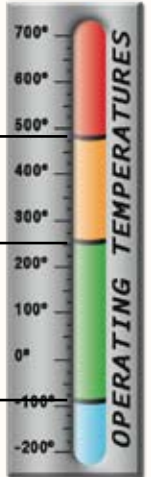
1=No Effect 4=More Affected
 2=Little Effect 5=Severely Affected
 3=Affected

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/Keytones	_____	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)



Monofilament Diameter _____ **.010**
 ASTM D-204

Flammability Rating _____ **UL94**
 FMVSS-302 Approved

Recommended Cutting _____ **Hot Knife**
Colors _____ **7**

Wall Thickness _____ **.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

www.techflex.com