

Flexo PET-O

- Expands up to 200%
- Cut and Abrasion Resistant
- Halogen Free
- FMVSS 302 Approval

Extra Expansion for Easy Application

FLEXO PET OVEREXPANDED (PT) 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. The material cuts easily with either scissors or a hot knife.



Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/ 100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/4"	PTO0.25	1/8"	1/2"	1,000'	200'	BK	0.24
3/8"	PTO0.38	3/16"	1"	500'	125'	BK, CL, PP, NB, RD, NY, CB	0.52
1/2"	PTO0.50	7/16"	1 3/8"	500'	100'	CL & BK	0.63

Flexo PET-T

- Complete Coverage
- Improved Abrasion Resistance

Extra Coverage

TIGHT WEAVE (PT) is designed for use in applications where optimum coverage and abrasion resistance is required. The tight braid construction increases the coverage, wear factor and improves harness security.



Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/ 100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/8"	PTT0.13BK			1,000'	225'	Black (BK)	0.29
1/4"	PTT0.25BK	11/64"	11/32"	1,000'	200'	Black (BK)	0.36
5/16"	PTT0.31BK	23/64"	19/32"	1,000'	200'	Black (BK)	0.58
1/2"	PTT0.50BK	11/32"	5/8"	500'	100'	Black (BK)	0.84
3/4"	PTT0.75BK	1/2"	13/16"	250'	75'	Black (BK)	1.10
1"	PTT1.00BK	5/8"	1 1/8"	250'	65'	Black (BK)	1.23
1 1/4"	PTT1.25BK	1"	1 11/16"	250'	50'	Black (BK)	1.30
1 1/2"	PTT1.50BK	1 1/8"	2"	200'	40'	Black (BK)	1.95
1 3/4"	PTT1.75BK	1 1/2"	2 5/8"	200'	30'	Black (BK)	2.60
2"	PTT2.00BK	1 3/4"	3 1/8"	200'	50'	Black (BK)	3.43
2 1/2"	PTT2.50BK			100'	50'	Black (BK)	3.60

1/2" Also available in FR. Go to page 27.



OVEREXPANDED

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



Cut Cleanly
Hot Knife

Material

Polyethylene Terephthalate

Grade

PTO

Monofilament Diameter

.010"

Drawing Number

TF001PTO-WD

				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:

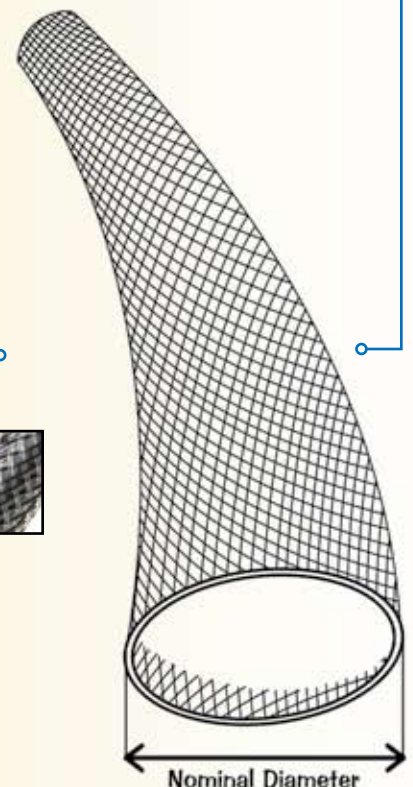
7 = BK, CL, PP, NB, RD, NY and CB.

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).



TECHFLEX
Braided Sleeving Products

www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
29 Brookfield Dr • Sparta, NJ 07871

ABYC
Setting Standards for Safe Boating

FAR-25



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 _____ **UL94V0, 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)

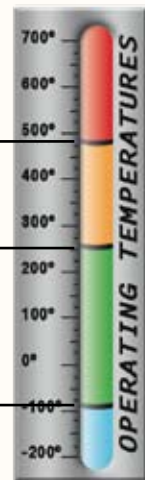
Maximum Continuous

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