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 to1 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.

					See Co
Nominal	Part	Expansion Range	Standard Spool Put-Ups	Available	Lbs/

Nominal	Part	Expansion Range		Standard Spool Put-Ups		Available	Lbs/	
Size	#	Min.	Max.	Bulk Spool	Shop Spool	Colors	100′	
1/4″	PTO0.25	1/8″	1/2″	1,000′	200′	ВК	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



800 323-5140 www.techflex.com



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	Part	Expansion Range		Standard Sp	ool Put-Ups	Available	Lbs/	
Size	#	Min.	Max.	Bulk Spool	Shop Spool	Colors	100′	
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″	PTTO.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	

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

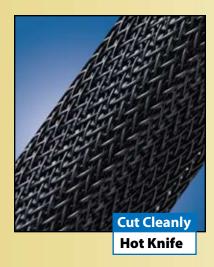




GENERAL PURPOSE Technical Data Sheet

OVEREXPANDED

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



Material Polyethylene Terepthalate

Grade PTO

Monofilament Diameter .010"

Drawing Number TF001PTO-WD

ALABOR					Put-Ups —						
	Nominal	ominal Part Size #	Expansion Range		Bulk	Shop	Retail	Clam	Bag	Available	Lbs/
	Size		Min	Max	Spool	Spool				Colors	100′
	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

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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.

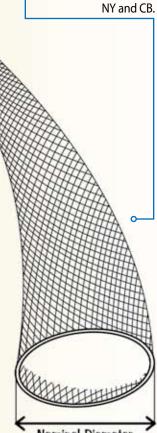
Overexpanded opens nearly 4-to-1 making it very easy to apply. The open construction allows the underlying harness or covering to show through for a unique and attractive assembly.

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).



Colors Available:

7 = BK, CL, PP, NB, RD,

Nominal Diameter



www.techflex.com 800.323.5140 • 973.300.9242 • fax: 973.300.9409 29 Brookfield Dr • Sparta, NJ 07871



GENERAL PURPOSE Technical Data Sheet

OVEREXPANDED

Over expanded



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



UL94V0, FAR25, Rating **FMVSS-302**



1=No Effect 4=More Affected 2-1 ittle Effect 5-Severely Affected

2=Little Effect 5=Severely A 3=Affected	ffected
Aromatic Solvents	2
Aliphatic Solvents	
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 500 ASTM D-2117 482°F (250°C) 400* Maximum Continuous 300* Mil-I-23053 257°F (125°C) 200* 100

Minimum Continuous -94°F (-70°C)



TEMPERATURES

ERATING

OP

-200*

Monofilament Diameter ASTM D-204	010
Flammability Rating FMVSS-302 Approved	_UL94
Recommended CuttingHot	: Knife
Colors	7
Wall Thickness	
Tensile Strength (Yarn) ASTM D-2256 Lbs	7.5
Specific Gravity ASTM D-792	_1.38
Moisture Absorption % ASTM D-570	12
Hard Vacuum Data ASTM E-595 at 1	0-5 tori
TML	19
	.00
WVR	16
Smoke D-Max ASTM E-662	56
Outgassing	Med
Oxygen Index ASTM D-2863	21

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