



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

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



Cut Cleanly  
Hot Knife

#### Material

Polyethylene Terephthalate

#### Grade

PTO

#### Monofilament Diameter

.010"

#### Drawing Number

TF001PTO-WD

## Extra Expansion For Easy Application

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.

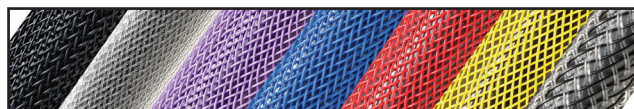
OverExpanded opens nearly 4-to-1 making it very easy to apply. The open construction allows the underlying harness or covering to show through for a unique and attractive assembly.

#### Colors Available:

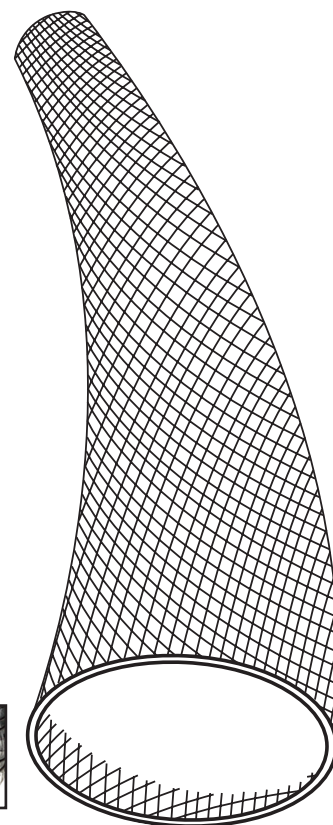
7 = BK, CL, PP, NB, RD, NY and CB.

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).



CableOrganizer.fr®

10 Rue Du Tertre  
35 520 La Chapelle des Fougere - France  
(33) 02 23 30 05 15  
[www.CableOrganizer.fr](http://www.CableOrganizer.fr)



## ABRASION FLAMMABILITY

**Abrasion Resistance**  
**Low**

Rating \_\_\_\_\_ UL94VO, FAR25,  
FMVSS-302

**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**

## CHEMICAL RESISTANCE

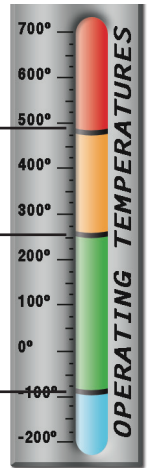
1=No Effect      4=More Affected  
2=Little Effect      5=Severely Affected  
3=Affected

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
<i>ASTM D-204</i>	
Flammability Rating _____	UL94
<i>FMVSS-302 Approved</i>	
Recommended Cutting _____	Hot Knife
Colors _____	7
Wall Thickness _____	.025
Tensile Strength (Yarn) _____	7.5
<i>ASTM D-2256 Lbs</i>	
Specific Gravity <i>ASTM D-792</i> _____	1.38
Moisture Absorption _____	.1-.2
% <i>ASTM D-570</i>	
Hard Vacuum Data _____	
<i>ASTM E-595 at 10-5 torr</i>	
TML _____	.19
CVCM _____	.00
WVR _____	.16
Smoke D-Max _____	56
<i>ASTM E-662</i>	
Outgassing _____	Med
Oxygen Index _____	21
<i>ASTM D-2863</i>	