

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

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Kgs/100m
		Min	Max				
6,4mm	PTO0.25BK	3,2mm	12,7mm	304,8m	61,0m	BK	0,36
9,5mm	PTO0.38	4,8mm	25,4mm	152,4m	38,1m	7	0,77
12,7mm	PTO0.50	11,1mm	34,9mm	152,4m	30,5m	BK, CL	0,90



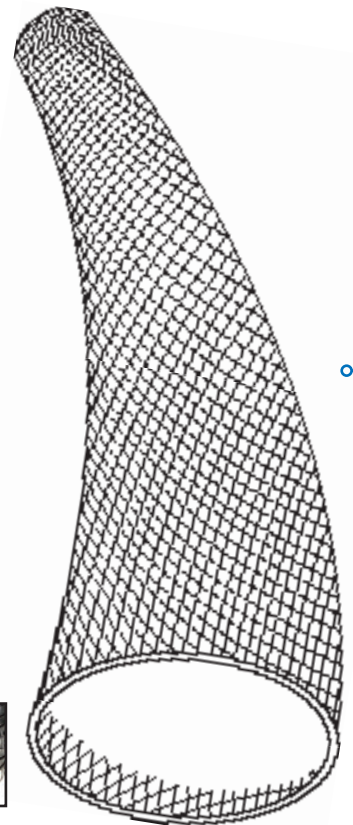
**Cut Cleanly
Hot Knife**

Extra Expansion For Easy Application

Techflex® OVEREXPANDED FLEXO®s 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.



Material
Polyethylene Terephthalate

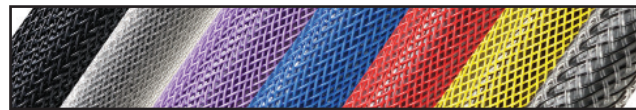
Grade
PTO

Monofilament Diameter
0,25mm

Drawing Number
TF001PTO-WD

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).

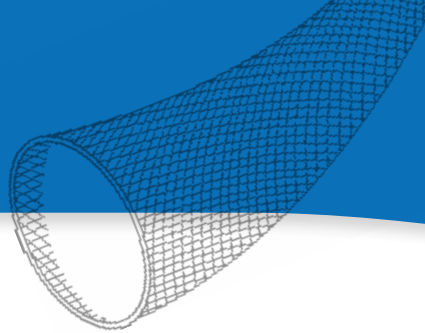


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FAR-25





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

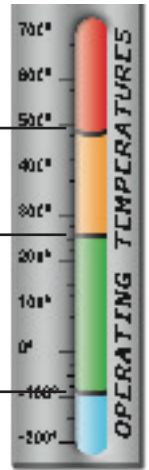
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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 _____	0,25mm
ASTM D-204	
Flammability Rating _____	UL94
FMVSS-302 Approved	
Recommended Cutting _____	Hot Knife
Colors _____	7
Wall Thickness _____	0,64mm
Tensile Strength (Yarn) _____	7,5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1,38
Moisture Absorption _____	0,1-0,2
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	0,19
CVCM _____	0,00
WVR _____	0,16
Smoke D-Max _____	56
ASTM E-662	
Outgassing _____	Med
Oxygen Index _____	21
ASTM D-2863	