

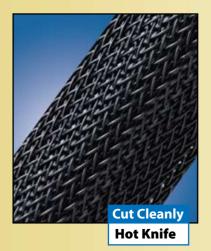
10′

10'

10'

OVEREXPANDED

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



Extra Expansion For Easy Application

PTO0.25BK

PTO0.38

Nominal

Size

1/4"

3/8"

1/2"

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.

Expansion Range

1/8"

3/16"

PTO0.50 7/16" 1 3/8"

Max

1/2"

Bulk

Spool

1,000

500'

500'

200'

125'

100'

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:

Available

Colors

7

BK, CL

Lbs/ 100'

0.24

0.52

0.63

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

Material

Polyethylene Terepthalate

Grade

PTO

Monofilament Diameter

.010"

Drawing Number

TF001PTO-WD



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











Nominal Diameter





Put-Ups

Retail

100'

60'

50'

25'

25'

25'

Ouer **expande**

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



UL94V0, FAR25, Rating FMVSS-302



Chemical Resistance

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

3=Allecteu	
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	
RoHS	Yes
SVHC	None

	700°	S
Melt Point	600-	RATURE
ASTM D-2117	500° 3	E
482°F (250°C) —		-21
	400*	E
Maximum Continuous Mil-I-23053	300-	EMI
257°F (125°C)	200*	1
	1000	ING
Minimum Continuous	0	PERATING
-94°F (-70°C)	-100*	-E
	-200°_	0

Monofilament Diameter ASTM D-204	010
Flammability Rating	UL94
Recommended CuttingHo	ot Knife
Colors	7
Wall Thickness	025
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	10-5 tor
TML	19
CVCM	00
WVR	16
Smoke D-MaxASTM E-662	56
Outgassing	Med
Oxygen Index_ ASTM D-2863	21

© 2009 Tedfilex, Inc. - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Tedfilex, Inc. is strictly forbidden.

Techflex product names and logos are registered trademarks of Techflex, Inc., unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable.

Techflex makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex's only obligations are those in standard terms of sale for these products and Techflex will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions.

Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.