



FLEXO[®] OVEREXPANDED

UP TO 200% EXPANSION FOR EASY APPLICATION LONG LASTING FILTRATION SOLUTIONS · HALOGEN FREE

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. Flexo[®] 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.

SIZING CHART

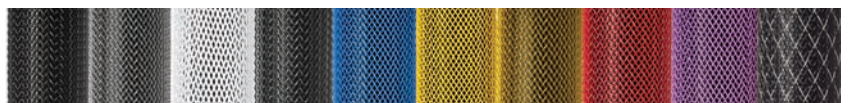
Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Kgs/100m
				M	L		
6,4mm	PTO0.25	3,2mm	12,7mm	61,0m	304,8m	10	0,36
8,0mm	PTO0.31	6,4mm	22,2mm	45,7m	152,4m	10	0,60
9,5mm	PTO0.38	4,8mm	25,4mm	38,1m	152,4m	10	0,77
12,7mm	PTO0.50	11,1mm	34,9mm	30,5m	152,4m	10	0,94
19,1mm	PTO0.75	12,7mm	44,5mm	22,9m	76,2m	10	1,64

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool

FEATURES

Material	Polyethylene Terephthalate
Grade	PTO
Monofilament Diameter	0,25mm
Drawing Number	TF001PTO-WD
Cutting	Hot Knife

COLORS



Black (BK), Clear (CL), White (WH), Carbon (CB), Neon Blue (NB), Neon Yellow (NY), Yellow (YL), Red (RD), Purple (PP), Black w/Gray (BG)

** Some of the sizes in some colors are available for special order.

CERTIFICATIONS





ABRASION

Abrasion Resistance	LOW
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	79°F / 26°C
Humidity	70%
Two Strands Visibly Broken	125 Test Cycles
Wear Pattern Continues	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

PHYSICAL PROPERTIES

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

FLAMMABILITY

Rating	UL94VO, FAR25, FMVSS-302
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°C

CHEMICAL RESISTANCE

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

Aromatic Solvents	2
Aliphatic Solvents	1
Chlorinated Solvents	3
Weak Bases	1
Salts	1
Strong Bases	2
Salt Water (O-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

