



FLEXO® PET PLUS

SPECIALIZED LIGHTWEIGHT RESIN COATING · WILL NOT FRAY WHEN CUT WITH SCISSORS EXPANDS UP TO 150%

Flexo® PET Plus (PTP) has all the qualities of our legendary Flexo® PET, plus a highly specialized, fray-resistant resin coating that facilitates easy cutting with scissors. Flexo® PET Plus is an elegant and economical choice for projects that call for versatility of installation and for situations where access to a hot knife is impossible. It cuts easily and cleanly with ordinary scissors. In addition, Flexo® PET Plus has a wide operating temperature range and is resistant to chemical degradation, UV radiation, and abrasion.

SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
				M	L		
1/8"	PTP0.13BK	1/16"	1/4"	225'	1,000'	1	0.20
1/4"	PTP0.25BK	1/8"	3/8"	200'	1,000'	1	0.30
3/8"	PTP0.38BK	3/16"	5/8"	125'	500'	1	0.60
1/2"	PTP0.50BK	1/4"	3/4"	100'	500'	1	0.80
5/8"	PTP0.63BK	3/8"	1 1/8"	100'	500'	1	0.90
3/4"	PTP0.75BK	1/2"	1 1/4"	75'	250'	1	1.20
1"	PTP1.00BK	5/8"	1 3/8"	65'	250'	1	1.40
1 1/4"	PTP1.25BK	3/4"	1 1/2"	50'	250'	1	1.60
1 1/2"	PTP1.50BK	1"	1 3/4"	40'	200'	1	2.50
1 3/4"	PTP1.75BK	1 1/4"	2 3/4"	30'	200'	1	2.70
2"	PTP2.00BK	1 1/2"	3 1/2"	50'	200'	1	2.80

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

FEATURES

Material	Polyethylene Terephthalate
Grade	PTP
Monofilament Diameter	.010"
Drawing Number	TF001PET-WD
Cutting	Scissors

COLORS



Black (BK)

CERTIFICATIONS



ABRASION

Abrasion Resistance	HIGH
Abrasion Test Method	SAE ARP 1536
Abrasion Test Machine	IIEA-01
Abrasion Spec	30,000 Cycles Min.
Abrasion Force	2.5lb (1.1kg)
Abrasive Element	0.5 (13mm) precision ground drill rod, 60-64 HRC/16 Ra.
Two Broken Filaments	300 Test Cycles
Partial wear of upper & lower filaments, contact between mandrel & tool	Average 86,820 Test Cycles

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.010"
Flammability Rating	UL94
Recommended Cutting	Scissors/Hot Knife
Colors	1
Wall Thickness	.018"-.025"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	7.5
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	.1-.2
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max (ASTM E-662)	56
Outgassing	Medium
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

Rating	UL94VO
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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