



FLEXO® PET PLUS

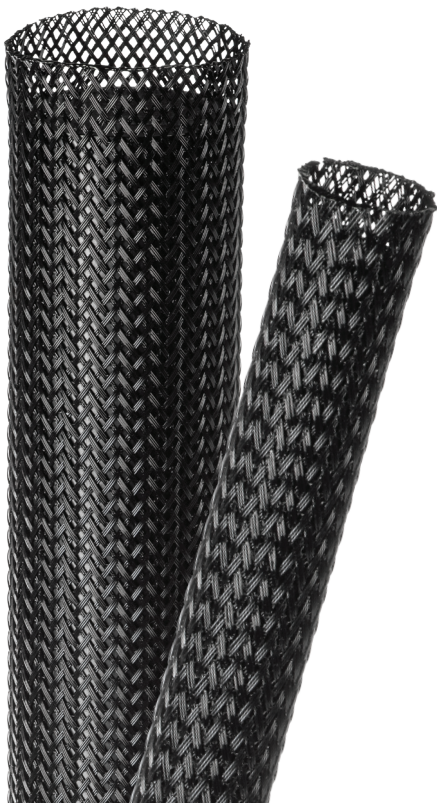
SPECIALIZED LIGHTWEIGHT RESIN COATING · WILL NOT FRAY WHEN CUT WITH SCISSORS EXPANDS UP TO 150%

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 | UL94V0 |
|--------|--------|

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 |