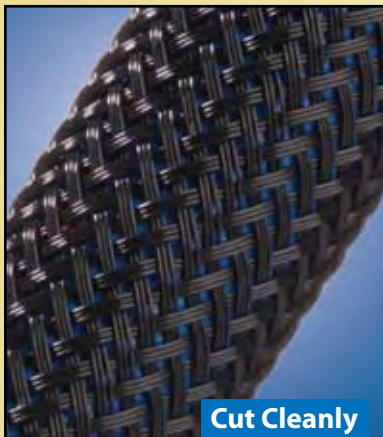


# TIGHT WEAVE

- Economical And Easy To Install
- Resists Gasoline, Engine Chemicals And Cleaning Solvents
- Complete Coverage
- Cut And Abrasion Resistant

## Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/8"	PTT0.25BK	11/64"	11/32"	1,000'	200'	Black	0.36
5/16"	PTT0.31BK	23/64"	19/32"	1,000'	200'	Black	0.58
1/2"	PTT0.50BK	11/32"	5/8"	500'	100'	Black	0.84
3/4"	PTT0.75BK	1/2"	13/16"	250'	75'	Black	1.10
1"	PTT1.00BK	5/8"	1 1/8"	250'	65'	Black	1.23
1 1/4"	PTT1.25BK	1"	1 11/16"	250'	50'	Black	1.30
1 1/2"	PTT1.50BK	1 1/8"	2"	200'	40'	Black	1.95
1 3/4"	PTT1.75BK	1 1/2"	2 5/8"	200'	30'	Black	2.60
2"	PTT2.00BK	1 3/4"	3 1/8"	200'	50'	Black	3.43



**Cut Cleanly**  
**Hot Knife**

### Material

**Polyethylene Terephthalate**

### Grade

**PTT**

### Monofilament Diameter

**.010"**

### Drawing Number

**TF001PET-WD**

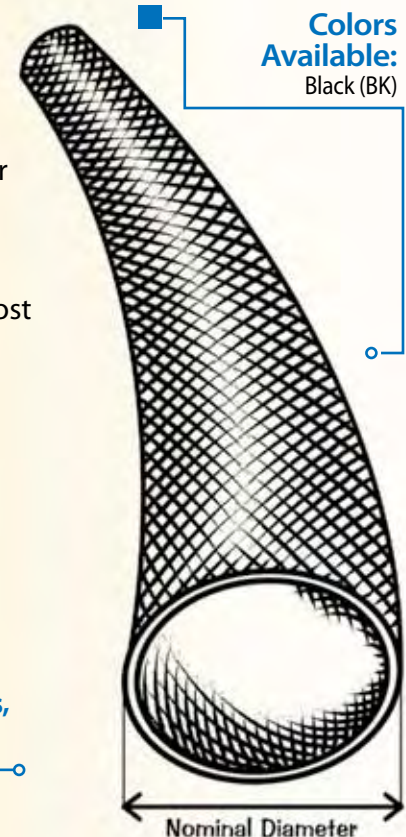
## Tight Weave for Extra Coverage

The FLEXO® Tight Weave original braided from 10 mil polyethylene terephthalate (PET) monofilament yarns. The material has a wide operating temperature range, is resistant to chemical degradation, UV radiation, and abrasion. Tight Weave is designed for use in applications where optimum coverage and abrasion resistance is required. The tight braid construction increases the coverage, wear factor and improves harness security.

Used in electronics, automotive, marine and industrial wire harnessing applications where cost efficiency and durability are critical.

High thermal and chemical resistance and extra coverage make FLEXO® TIGHT WEAVE ideal for customizing and protecting the wires, hoses and cables.

**Colors Available:**  
Black (BK)



## TIGHT WEAVE



**Abrasion Resistance**  
**Medium**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**77°F**

**Humidity**  
**72%**

**Two Broken Filament**  
**300 Test Cycles**

**Approximately 6 Broken**  
**Filaments**  
**500 Test Cycles**

**Material Destroyed**  
**- Very Visible Hole In**  
**Material**  
**1,150 Test Cycles**

**Pre-Test Weight**  
**4,547.4 mg**

**Post-Test Weight**  
**4,133.9 mg**

**Test End Loss Of Mass**  
**Point Of Destruction**  
**413.5 mg**



**Rating** \_\_\_\_\_ **UL94V0, FAR25,**  
**FMVSS-302**



### 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/Keytones	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)**

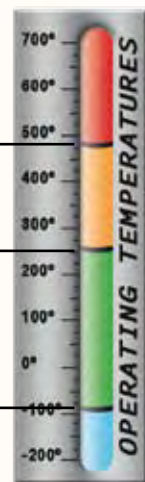
**Maximum Continuous**

Mil-I-23053

**257°F (125°C)**

**Minimum Continuous**

**-94°F (-70°C)**



### PHYSICAL PROPERTIES

**Monofilament Diameter** \_\_\_\_\_ **.010**  
ASTM D-204

**Flammability Rating** \_\_\_\_\_ **UL94**  
FMVSS-302 Approved

**Recommended Cutting** \_\_\_\_\_ **Hot Knife**

**Colors** \_\_\_\_\_ **1**

**Wall Thickness** \_\_\_\_\_ **.025**

**Tensile Strength (Yarn)** \_\_\_\_\_ **7.5**  
ASTM D-2256 Lbs

**Specific Gravity ASTM D-792** \_\_\_\_\_ **1.38**

**Moisture Absorption** \_\_\_\_\_ **.1-.2**  
% ASTM D-570

**Hard Vacuum Data ASTM E-595 at 10-5 torr**

**TML** \_\_\_\_\_ **.19**

**CVCM** \_\_\_\_\_ **.00**

**WVR** \_\_\_\_\_ **.16**

**Smoke D-Max** \_\_\_\_\_ **56**  
ASTM E-662

**Outgassing** \_\_\_\_\_ **Med**

**Oxygen Index** \_\_\_\_\_ **21**  
ASTM D-2863