

- 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"	PTT0.13	1/16"	1/4"	1,000'	225'	5	0.29
1/4"	PTT0.25	11/64"	11/32"	1,000'	200'	5	0.36
5/16"	PTT0.31	1/4"	3/8"	1,000'	200'	5	0.58
1/2"	PTT0.50	11/32"	5/8"	500'	100'	5	0.84
3/4"	PTT0.75	1/2"	13/16"	250'	75'	5	1.10
1"	PTT1.00	5/8"	1 1/8"	250'	65'	5	1.23
1 1/4"	PTT1.25	1"	1 11/16"	250'	50'	5	1.30
1 1/2"	PTT1.50	1 1/8"	2"	200'	40'	5	1.95
1 3/4"	PTT1.75	1 1/2"	2 5/8"	200'	30'	5	2.60
2"	PTT2.00	1 3/4"	3 1/8"	200'	50'	5	3.43
2 1/2"	PTT2.50	2"	3 1/2"	100'	50'	5	3.60



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.

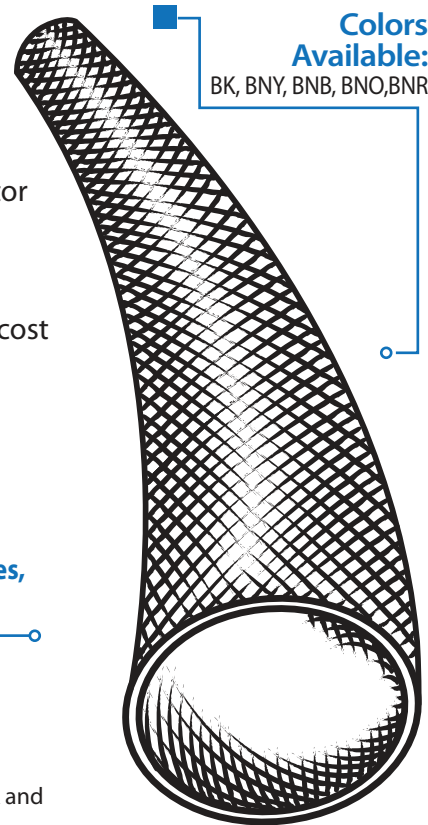
High thermal and chemical resistance and extra coverage make FLEXO® TIGHT WEAVE ideal for customizing and protecting the wires, hoses and cables.



Black & Neon Blue(BNB), Black & Neon Red(BNR), Black and Neon Orange(BNO), Black and Neon Yellow(BNY), and Black (BK)

### Colors Available:

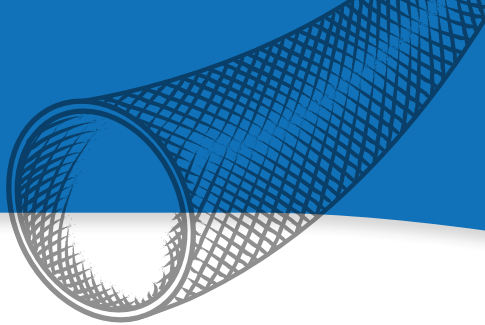
BK, BNY, BNB, BNO, BNR



Braided Sleeving Products

[www.techflex.com](http://www.techflex.com)

800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871



**ABRASION**  **FLAMMABILITY**

**Abrasion Resistance**  
High

Rating \_\_\_\_\_ UL94VO, FAR25,  
FMVSS-302

**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

 **CHEMICAL**  
**RESISTANCE**

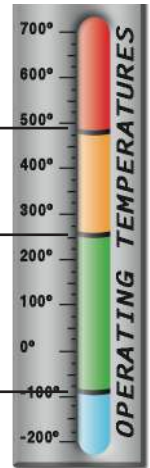
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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/Ketones _____	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 _____	5
Wall Thickness _____	.025
Tensile Strength (Yarn) _____	7.5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	.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	