

- 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	Kgs/100m
		Min	Max				
3,2mm	PTT0.13	1,6mm	6,4mm	304,8m	68,6m	5	0,43
6,4mm	PTT0.25	4,4mm	8,7mm	304,8m	61,0m	5	0,54
7,9mm	PTT0.31	6,4mm	9,5mm	304,8m	61,0m	5	0,86
12,7mm	PTT0.50	8,7mm	15,9mm	152,4m	30,5m	5	1,25
19,1mm	PTT0.75	12,7mm	20,6mm	76,2m	22,9m	5	1,64
25,4mm	PTT1.00	15,9mm	28,6mm	76,2m	19,8m	5	1,83
31,8mm	PTT1.25	25,4mm	42,9mm	76,2m	15,2m	5	1,93
38,1mm	PTT1.50	28,6mm	50,8mm	61,0m	12,2m	5	2,90
44,5mm	PTT1.75	38,1mm	66,7mm	61,0m	9,1m	5	3,87
50,8mm	PTT2.00	44,5mm	79,4mm	61,0m	15,2m	5	5,10
63,5mm	PTT2.50	50,8mm	88,9mm	30,5m	15,2m	5	5,36



Cut Cleanly
Hot Knife

Material

Polyethylene Terephthalate

Grade

PTT

Monofilament Diameter

0,25mm

Drawing Number

TF001PTT-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.

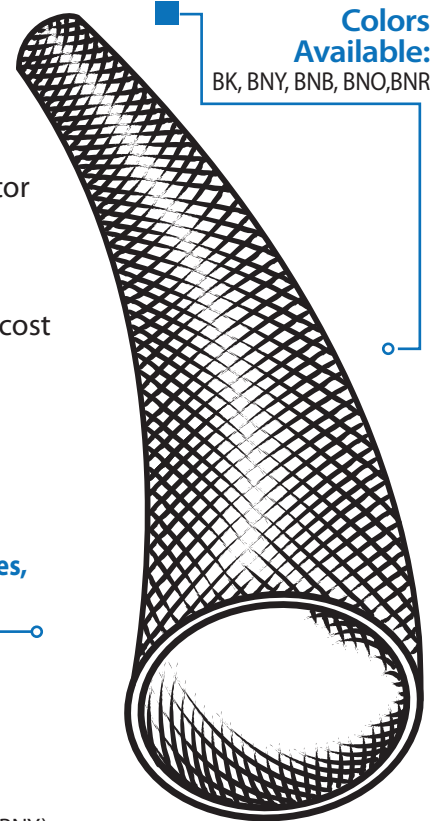
Used in electronics, automotive, marine and industrial wire harnessing applications where cost efficiency and durability are critical.

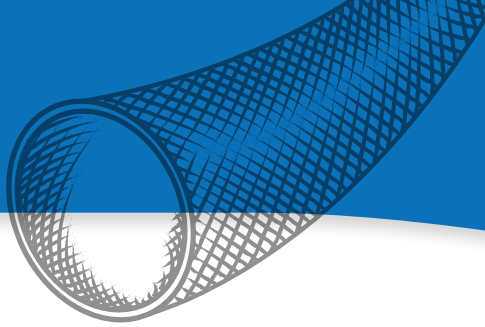
High thermal and chemical resistance and extra coverage make FLEXO® TIGHT WEAVE ideal for customizing and protecting the wires, hoses and cables.



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





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
25°C

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

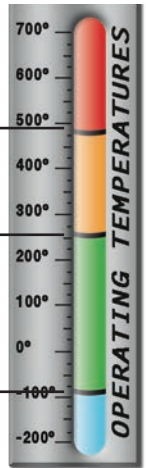
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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 _____	0,25mm
ASTM D-204	
Flammability Rating _____	UL94
FMVSS-302 Approved	
Recommended Cutting _____	Hot Knife
Colors _____	5
Wall Thickness _____	0,64mm
Tensile Strength (Yarn) _____	7,5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	0,38
Moisture Absorption _____	0,1-0,2
% ASTM D- 570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	0,19
CVCM _____	0,00
WVR _____	0,16
Smoke D-Max _____	56
ASTM E-662	
Outgassing _____	Med
Oxygen Index _____	21
ASTM D-2863	