

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

				i de ops			
Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
1/8″	PTT0.13BK	1/16"	1/4"	1,000′	225′	5	0.29
1/4″	PTT0.25BK	11/64″	11/32″	1,000′	200′	5	0.36
5/16″	PTT0.31BK	1/4″	3/8″	1,000′	200′	5	0.58
1/2″	PTT0.50BK	11/32″	5/8″	500′	100′	5	0.84
3/4″	PTT0.75BK	1/2″	13/16″	250′	75′	5	1.10
1″	PTT1.00BK	5/8″	1 1/8″	250′	65′	5	1.23
1 1/4″	PTT1.25BK	1″	1 11/16″	250′	50′	5	1.30
1 1/2″	PTT1.50BK	1 1/8″	2″	200′	40′	5	1.95
1 3/4″	PTT1.75BK	1 1/2″	2 5/8″	200′	30′	5	2.60
2″	PTT2.00BK	1 3/4″	3 1/8″	200′	50′	5	3.43
2 1/2″	PTT2.50BK	2"	3-1/2"	100′	50′	5	3.60

Put-Ups -



Hot Knife

Material Polyethylene Terepthalate

Grade PTT

Monofilament Diameter .010″

Drawing Number TF001PET-WD



Tight Weave for Extra Coverage

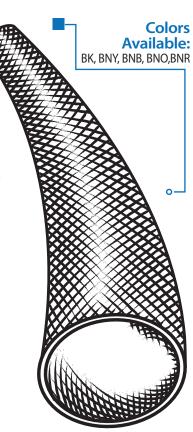
The FLEXO® Tight Weave original braided from 10 mil polyethylene terepthalate (PET) monofilament yarns. The material has a wide operating temperature range, is resistant to chemical degradation, UV radiation, and abrasion. Tight Weave is designed for use in applications where optimum coverage and abrasion 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)











Rating

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



Maximum Continuous *Mil-I-23053* UL94VO, FAR25, 257°F (125°C)

> Minimum Continuous -94°F (-70°C)

Melt Point

ASTM D-2117

482°F (250°C)-



700°

600°

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 _____ 1 Salts 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

PHYSICAL **PROPERTIES**

Monofilament Diameter ASTM D-204	.010
Flammability Rating FMVSS-302 Approved	UL94
Recommended Cutting	Hot Knife
Colors	5
Wall Thickness	.025
Tensile Strength (Yarn) ASTM D-2256 Lbs	7.5
Specific Gravity ASTM D-792	38
Moisture Absorption % ASTM D- 570	12
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	.19
CVCM	00
WVR	.16
Smoke D-Max ASTM E-662	56
Outgassing	Med
Oxygen Index ASTM D-2863	21

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