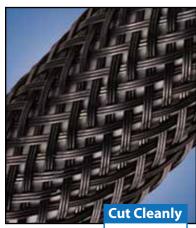


- **Economical And Easy** To Install
- Resists Gasoline. **Engine Chemicals And Cleaning Solvents**
- **Expands Up To 150%**
- **Cut And Abrasion** Resistant
- FMVSS 302 Approval



Hot Knife

Material

Polyethylene Terepthalate

Grade

PTN

Monofilament Diameter

.010"

Drawing Number

TF001PET-WD



Put-Ups

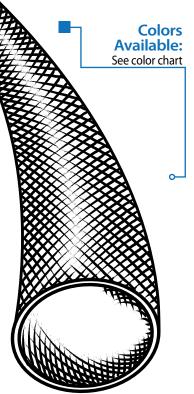
Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
1/16"	PTN0.06	3/64"	3/32"	1,000'	250'		0.22
1/8"	PTN0.13	3/32"	1/4"	1,000′	225′		0.20
1/4"	PTN0.25	1/8"	7/16"	1,000′	200′		0.30
3/8"	PTN0.38	3/16"	1/2"	500′	125′		0.57
1/2"	PTN0.50	1/4"	3/4"	500′	100′	more	0.77
5/8"	PTN0.63	3/8"	1″	500′	100′	than	0.95
3/4"	PTN0.75	1/2"	1 1/4"	250′	75′	30	1.20
1″	PTN1.00	5/8"	1 5/8"	250′	65′		1.34
1 1/4"	PTN1.25	3/4"	1 3/4"	250′	50′		1.60
1 1/2"	PTN1.50	1″	2 1/8"	200′	40′		1.96
1 3/4"	PTN1.75	1 1/4"	2 3/4"	200′	30′		2.45
2″	PTN2.00	1 1/2"	3 1/2"	200′	50′		2.60
2 1/2"	PTN2.50	1 3/4"	3 5/8"	200′	50′		3.80
3″	PTN3.00	2 1/2"	4 3/4"	100′	50′	BK,CL,NB,RE	4.00
3 END CONSTRUCTION							
1/4"	PT30.25	1/8"	3/8"	1,000′	200′	4	0.39
9 MIL CONSTRUCTION							
4"	PT94.00BK	4"	6 1/2"	100′	50′	BK	3.80
PET LEAN							
3/4"	PTLO.75BK	1/2"	1 1/4"	250′	75′	BK	1.04
1 1/4"	PTL1.25BK	3/4"	1 3/4"	250′	50′	ВК	1.19

A Versatile Bundling **And Protection Solution**

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

The unique braided construction and wide expandability allows quick and easy installation over large connectors and long runs.

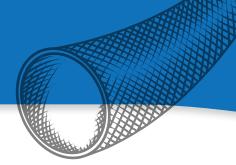
> High thermal and chemical resistance and wide color/size selection make FLEXO® Original PET ideal for customizing and protecting the wires, hoses and cables in custom and classic colors.















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 Matérial 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



1=No Effect

4=More Affected

RESISTANCE

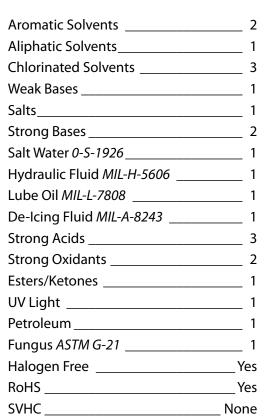
2=Little Effect

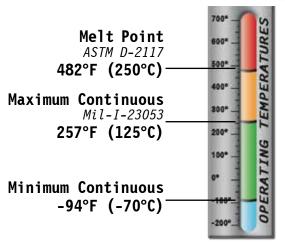
5=Severely Affected

UL94VO, FAR25,

FMVSS-302

3=Affected





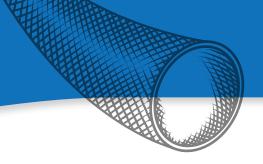
PHYSICAL **PROPERTIES**

Monofilament Diameter ASTM D-204	.010
Flammability Rating FMVSS-302 Approved	UL94
Recommended Cutting	_Hot Knife
Colors	<30
Wall Thickness	.025
Tensile Strength (Yarn) ASTM D-2256 Lbs	7.5
Specific Gravity ASTM D-792	1.38
Moisture Absorption % ASTM D-570	12
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	19
CVCM	
WVR	16
Smoke D-Max ASTM E-662	56
Outgassing	Med
Oxygen Index ASTM D-2863	21

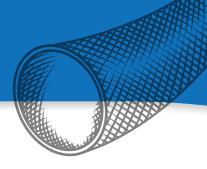
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- **■** Custom combination colors manufactured by Techflex
- The possibilities are endless!















































