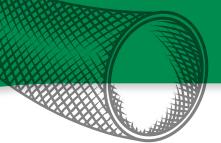
NT & BK

Colors Available:

Natural (NT) & Black(BK)





Put-Ups

Plenum Sultable	Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
FAR 25 Approved			Min	Max	Spool	Spool	Colors	100′
Expands Up To 150%	1/8"	TFN0.13NT	3/32"	1/4"	1,000'	225′	NT & BK	0.50
	1/4"	TFN0.25NT	3/16"	3/8"	1,000′	200′	NT & BK	0.68
Resists Gasoline And Other Chemicals	3/8"	TFN0.38NT	1/4"	3/4"	500′	125'	NT & BK	2.20
	1/2"	TFN0.50NT	3/8"	7/8"	500′	100′	NT & BK	2.60
	3/4"	TFN0.75NT	5/8"	1 1/4"	250′	75′	NT & BK	2.90
Cut And Abrasion	1 1/4"	TFN1.25NT	1 1/8"	1 1/2"	200′	50′	NT & BK	4.80
	1 3/4"	TFN1.75NT	1 3/8"	1 3/4"	200′	50′	NT & BK	5.50

TFN2.00NT

Planum Suitable

- Cut And Abrasion Resistant

Cut Cleanly Hot Knife

Material

Perfluoroalkoxy

Grade

TFN

Monofilament Diameter

.016"

Drawing Number

TF001TF-WD

High Temp Stable, Abrasion Resistant, **Low Outgassing**

1 11/16"

2 1/8"

200′

TECHON PFA (TF) expandable sleeving is ideal in applications where flame, chemical and very high temperature resistance are significant considerations. Braided from 16 mil perfluoroalkoxy (PFA) polymer monofilament.

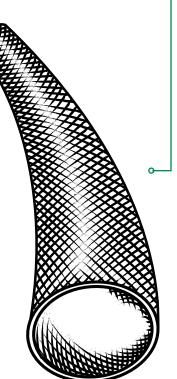
The high temperature properties of TF make it the ideal choice for aerospace, military and high-tech applications where thermal stability and low outgassing are critical. TF is suitable for plenum applications.

What Makes Techon PFA So Special?

Techon PFA is inert to virtually all chemicals and is considered the most slippery material on the planet. These properties have made it one of the most valuable and versatile technologies ever invented,

contributing to advancements in areas such as aerospace, communications, electronics, industrial processes and architecture.

High temperature resistance and low outgassing allows Techon PFA sleeving to function in high-temp environments.









www.techflex.com



Abrasion Resistance Very High

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g

Room Temperature 71°F

Humidity 59%

Slight Rough Surface And A Few Filaments Broken 1,500 Test Cycles

Visible Wear And Three Filaments Broken 2,000 Test Cycles

Material Destroyed 3,000 Test Cycles

Pre-Test Weight 13,955.5 mg

Post-Test Weight 12,911.9 mg

Test End Loss Of Mass Point Of Destruction 1,043.6 mg



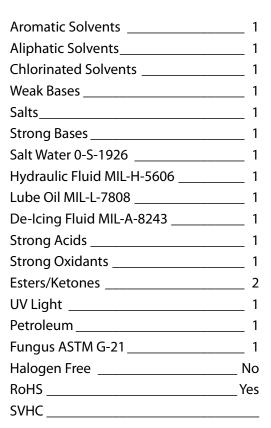


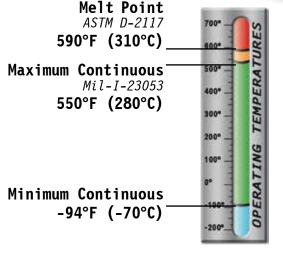
1=No Effect

4=More Affected

2=Little Effect 5=Severely Affected

3=	-A	ff	e	C	te	C
ر–	-^		C	C	ıe	L





PHYSICAL **PROPERTIES**

Monofilament Diameter ASTM D-204	016
Flammability Rating	FAR 25
Recommended Cutting	Hot Knife
Colors	2
Wall Thickness	.04
Tensile Strength (Yarn) ASTM D-2256 Lbs	2.1
Specific Gravity ASTM D-792	2.15
Moisture Absorption % ASTM D-570	<.01
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	.00
CVCM	.00
WVR	0
Smoke D-Max <i>ASTM E-662</i>	
Outgassing	_Very Low
Oxygen Index	>95

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