



- Plenum Suitable
- FAR 25 Approved
- Expands Up To 150%
- Resists Gasoline And Other Chemicals
- Cut And Abrasion Resistant

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/8"	TFN0.13	3/32"	1/4"	1,000'	225'	NT & BK	0.50
1/4"	TFN0.25	3/16"	3/8"	1,000'	200'	NT & BK	0.68
3/8"	TFN0.38	1/4"	3/4"	500'	125'	NT & BK	2.20
1/2"	TFN0.50	3/8"	7/8"	500'	100'	NT & BK	2.60
3/4"	TFN0.75	5/8"	1 1/4"	250'	75'	NT & BK	2.90
1 1/4"	TFN1.25	1 1/8"	1 1/2"	200'	50'	NT & BK	4.80
1 3/4"	TFN1.75	1 3/8"	1 3/4"	200'	50'	NT & BK	5.50
2"	TFN2.00	1 11/16"	2 1/8"	200'	25'	NT & BK	6.40



Cut Cleanly  
Hot Knife

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

FLEXO PFA (TFN) expandable sleeving is ideal in applications where flame, chemical and very high temperature resistance are significant considerations. Braided from 16 mil perfluoroalkoxy (TFN) polymer monofilament. The high temperature properties of Flexo PFA make it the ideal choice for aerospace, military and high-tech applications where thermal stability and low outgassing are critical. Flexo PFA is suitable for plenum applications.

- Colors Available:  
Natural (NT) & Black(BK)

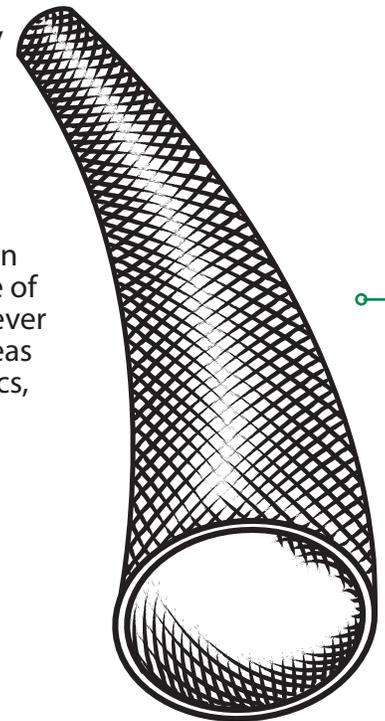
#### What Makes Flexo PFA So Special?

Flexo 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.

Colors Available:



Natural (NT) and Black (BK).



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

<b>Material</b>	Perfluoroalkoxy
<b>Grade</b>	TFN
<b>Monofilament Diameter</b>	.016"
<b>Drawing Number</b>	TF001TF-WD

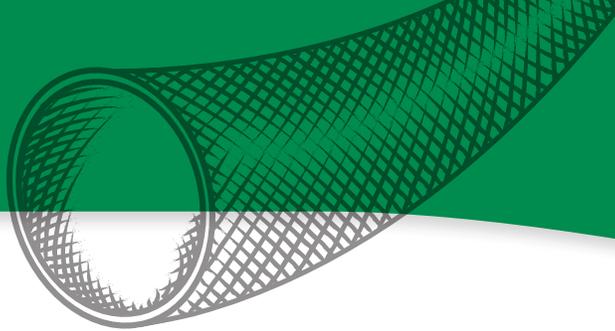


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FAR-25





## ABRASION FLAMMABILITY

**Abrasion Resistance**  
Very High

Rating \_\_\_\_\_ FAR 25

**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

## CHEMICAL RESISTANCE

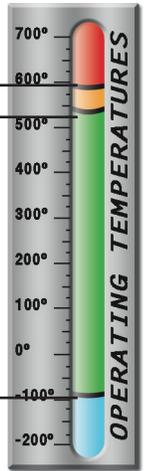
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

Aromatic Solvents _____	1
Aliphatic Solvents _____	1
Chlorinated Solvents _____	1
Weak Bases _____	1
Salts _____	1
Strong Bases _____	1
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 _____	1
Strong Oxidants _____	1
Esters/Ketones _____	2
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-21 _____	1
Halogen Free _____	No
RoHS _____	Yes
SVHC _____	

**Melt Point**  
ASTM D-2117  
590°F (310°C)

**Maximum Continuous**  
MIL-I-23053  
550°F (280°C)

**Minimum Continuous**  
-94°F (-70°C)



## PHYSICAL PROPERTIES

Monofilament Diameter _____	.016"
ASTM D-204	
Flammability Rating _____	FAR 25
Recommended Cutting _____	Hot Knife
Colors _____	2
Wall Thickness _____	.04"
Tensile Strength (Yarn) _____	2.1
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	2.15
Moisture Absorption _____	<.01
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	.00
CVCM _____	.00
WVR _____	0
Smoke D-Max _____	
ASTM E-662	
Outgassing _____	Very Low
Oxygen Index _____	>95
ASTM D-2863	

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