



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





- 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"	TFN0.13NT	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
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
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
2"	TFN2.00NT	1 11/16"	2 1/8"	200'	25'	NT & BK	6.40



Cut Cleanly
Hot Knife

Material

Perfluoroalkoxy

Grade

TFN

Monofilament Diameter

.016"

Drawing Number

TF001TF-WD

High Temp Stable, Abrasion Resistant, Low Outgassing

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.

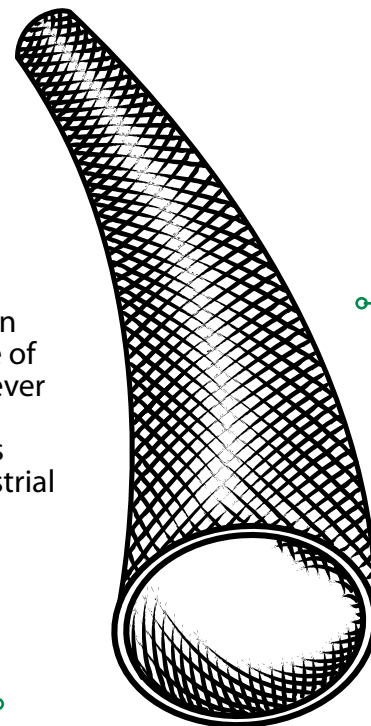
What Makes Techon PFA So Special?

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.

Colors Available:

Natural (NT) & Black(BK)



TECHFLEX
Braided Sleeving Products

www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871



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