



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







- Easy, Cost And Labor Effective Installation
- More Flexible Than Split Convoluted Or Spiral Wrap
- 25% Edge Overlap
- Soft And Quiet In High Vibration Uses
- Cut And Abrasion Resistant
- Chemically Inert
- Halogen Free

Nominal Size	Part #	Wall Thickness	Monofilament Diameter	Put-Ups			Available Colors	Lbs/100'
				Bulk Box	Box A	Box B		
1/8"	F6N0.13	.024"	.008"	10,000'	400'	100'	4	0.47
1/4"	F6N0.25	.025"	.010"	3,000'	200'	100'	4	0.60
3/8"	F6N0.38	.025"	.010"	1,500'	150'	75'	4	1.20
1/2"	F6N0.50	.025"	.010"	1,200'	150'	75'	4	1.40
3/4"	F6N0.75	.025"	.010"	500'	100'	50'	4	1.60
1"	F6N1.00	.038"	.015"	400'	100'	50'	4	2.00
1 1/4"	F6N1.25	.038"	.015"	250'	75'	25'	4	2.40
1 1/2"	F6N1.50	.038"	.015"	250'	75'	25'	4	2.70
1 1/2"	F6N1.50	.038"	.015"	250'	75'	25'	4	2.70
2"	F6N2.00	.038"	.015"	200'	50'	25'	4	3.60

### Flexible, Semi-Rigid Wrappable Split Braided Tube

F6's unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (Velcro, tape, etc.)

The PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices.

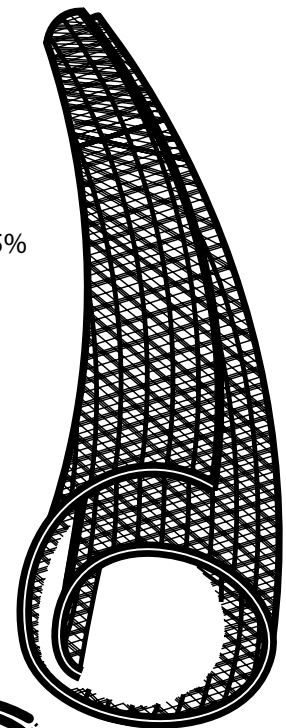
F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:



Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

■ Colors Available:  
4= BK, OR, PG, CW.



Cut Cleanly  
Hot Knife

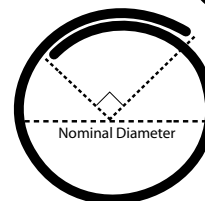
**Material**  
Polyethylene Terephthalate

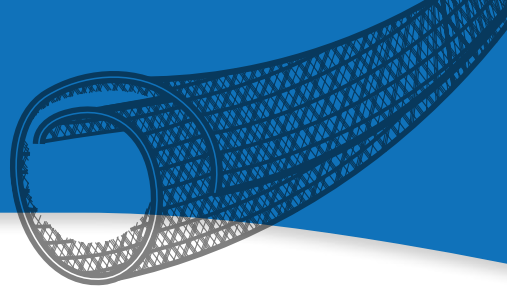
**Grade**  
F6N

**Monofilament Diameter**  
.008" - .015"

**Drawing Number**  
TF001F6-WD

■ The large overlap allows easy installation over splices and incline connectors without exposing wires and cables.





## ABRASION FLAMMABILITY

**Abrasion Resistance**  
Medium

Rating \_\_\_\_\_ UL94VO

**Abrasion Test Machine**  
Taber 5150

**Abrasion Test Wheel**  
Calibrase H-18

**Abrasion Test Load**  
500g

**Room Temperature**  
80°F

**Humidity**  
74%

**Some Scuffing Visible**  
500 Test Cycles

**Significant Wear Is Visible**  
**With Several Braid**  
**Filaments Broken**  
1,200 Test Cycles

**Material Destroyed**  
1,950 Test Cycles

**Pre-Test Weight**  
5,365.1 mg

**Post-Test Weight**  
4,850 mg

**Test End Loss Of Mass**  
**Point Of Destruction**  
515.1 mg

## CHEMICAL RESISTANCE

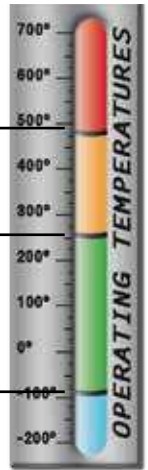
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

Aromatic Solvents _____	2
Aliphatic Solvents _____	1
Chlorinated Solvents _____	3
Weak Bases _____	1
Salts _____	1
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

**Melt Point**  
ASTM D-2117  
482°F (250°C)

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

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



## PHYSICAL PROPERTIES

Monofilament Diameter _____	.008-.015
ASTM D-204	
Flammability Rating _____	UL94
Recommended Cutting _____	Hot Knife
Colors _____	4
Wall Thickness _____	.024-.038
Tensile Strength (Yarn) _____	6-10
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
% ASTM D-570	
Hard Vacuum Data ASTM E-595	
TML _____	19
CVCM _____	.00
WVR _____	.16
Smoke D-Max _____	56
ASTM E-662	
Outgassing _____	Med
Oxygen Index _____	21
ASTM D-2863	