



**FLEXO® F6**

- 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
- Haloge Free



**Cut Cleanly**  
**Hot Knife**

**Material**  
 Polyethylene Terephthalate

**Grade**  
 F6N

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

**Drawing Number**  
 TF001F6-WD

**Put-Ups**

Nominal Size	Part #	Wall Thickness	Monofilament Diameter	Bulk Box	Box A	Box B	Available Colors	Lbs/100'
1/8"	F6N0.13	.024"	.008"	10,000'	400'	100'	4	0.20
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
2"	F6N2.00	.038"	.015"	150'	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.

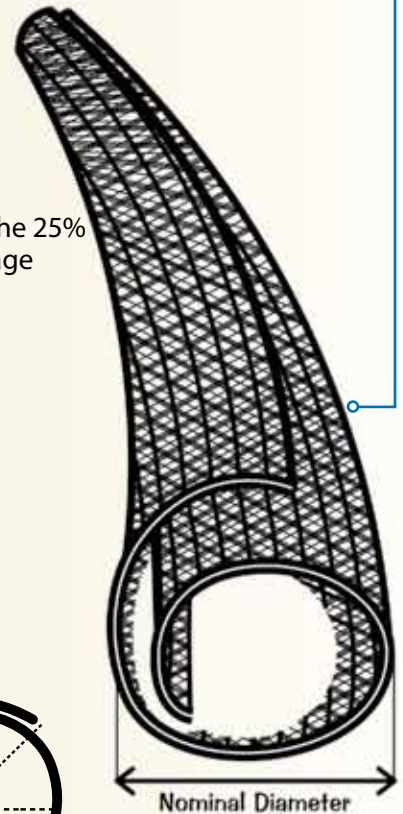
F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:

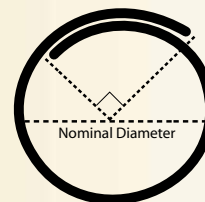


Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

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



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





**FLEXO® F6**



**Abrasion Resistance**  
**Medium**

**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**



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



**Chemical Resistance**

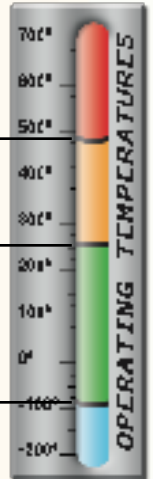
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

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/Keytones _____	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	

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