



FLEXO® F6

- Easy, Cost And Labor Effective Installation
- More Flexible Than Split Convuluted 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"	1,000'	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.

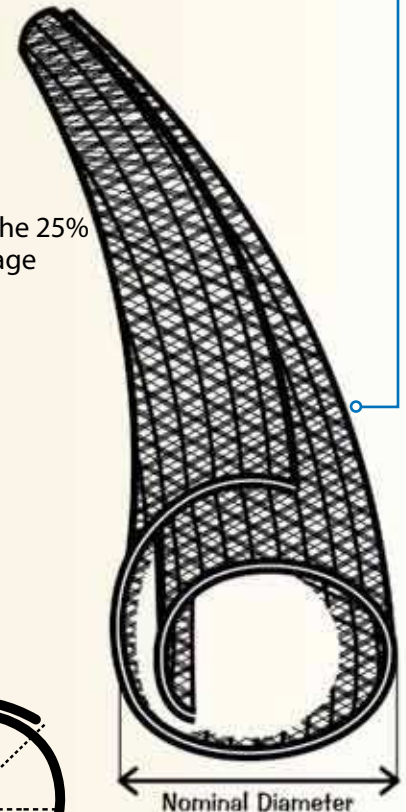
F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:

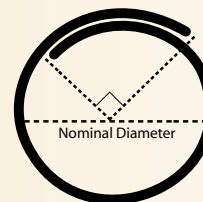


Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

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

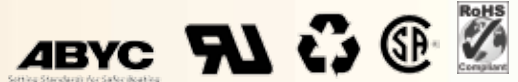


The large overlap allows easy installation over splices and incline connectors without exposing wires and cables.



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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

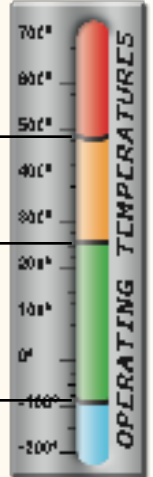
1=No Effect 4=More Affected
 2=Little Effect 5=Severely Affected
 3=Affected

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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