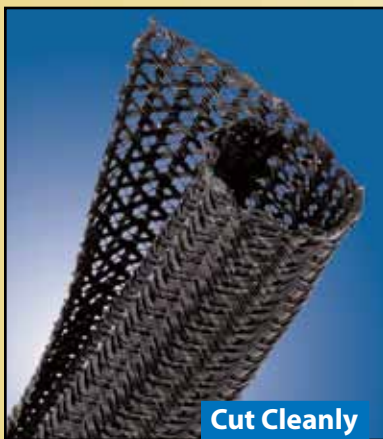




FLEXO® F6

- 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



www.techflex.com

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

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"	F6N1.50BK	.038"	.015"	250'	75'	25'	BK	2.70
1 1/2"	F6N1.50	.038"	.015"	200'	75'	25'	OR, PG, CW	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.

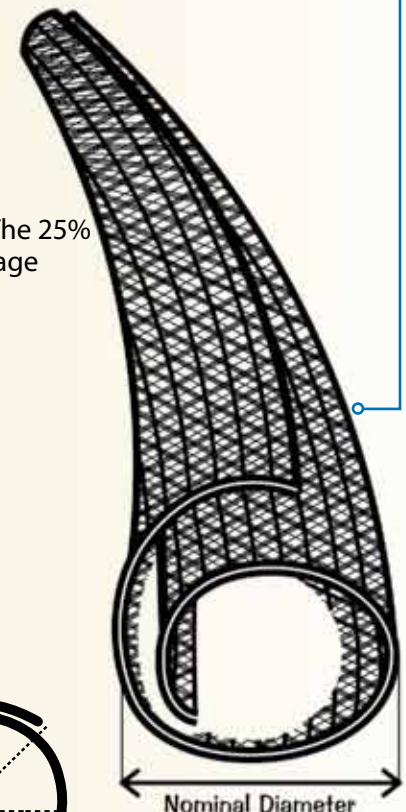
F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:

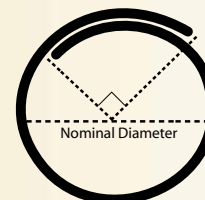


Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

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



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



GENERAL PURPOSE

Technical Data Sheet



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)

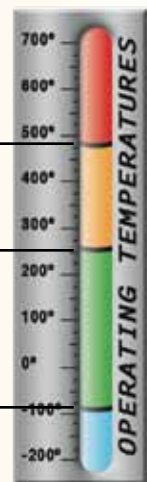
Maximum Continuous

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