



- Cut-Through Resistance
- Self Closing Wrap
- Heavy Abrasion Guard
- Resists To Chemicals
And Automotive Fluids
- Great Spot-Protection
- No Tool Install
- Lightweight And Very
Flexible



Cut Cleanly
Scissors

Material
Polyethylene Terephthalate

Grade
F6H

Wall Thickness
.06"

Drawing Number
TF001F6H-WD

Put-Ups

Nominal Size	Part #	Wall Thickness	Bulk	Box A	Box B	Available Colors	Lbs/100'
3/8"	F6H0.38BK	.06"	1,200'	150'	75'	Black (BK)	3.2
1/2"	F6H0.50BK	.06"	800'	100'	50'	Black (BK)	3.9
5/8"	F6H0.63BK	.06"	500'	100'	50'	Black (BK)	4.7
3/4"	F6H0.75BK	.06"	500'	100'	50'	Black (BK)	5.0
1"	F6H1.00BK	.06"	400'	75'	25'	Black (BK)	6.2
1 3/8"	F6H1.38BK	.06"	250'	75'	25'	Black (BK)	7.5

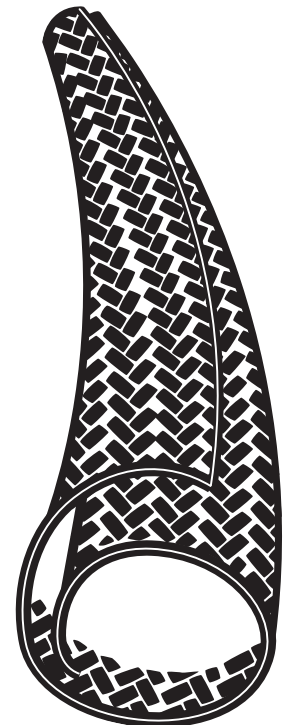
Chafe Protection Wrap

F6 HEAVY (F6H) is a unique composite wrap-around chafe guard made from resistant synthetic polymers.

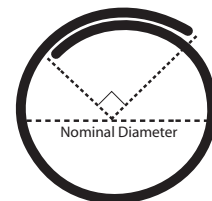
Techflex F6 Heavy is reimagined from the ground up to protect hoses and cables from chafing and abrasion. The easy wrap installation technology is a first for the hydraulic and fluid transfer industry. By combining the extreme cut and abrasion defense of a traditional woven nylon protection sleeve and the self-wrapping properties of our best-selling F6 line of products we have created a new standard for fast in field hose and wire protection.

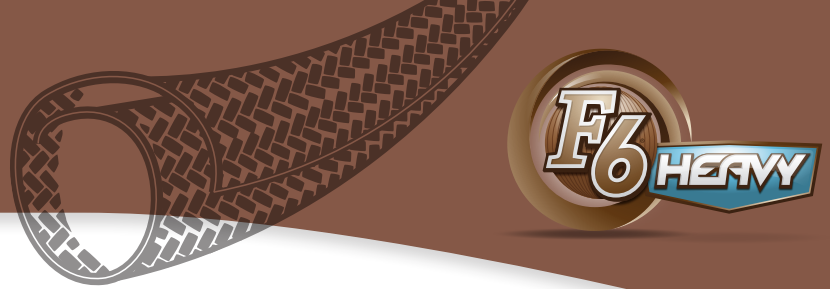
We have eliminated the need to disconnect fittings, connectors and hoses in order to properly protect your systems from damage. Simply apply F6 Heavy and get back work.

Colors Available:
Black (BK)



This is a non-expandable product. Be sure to match your application diameter accurately.





ABRASION

Abrasion Resistance
Extreme

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
71°F

First Signs Of Slight Fibers Chafed

1,000.....Test Cycles

Wearing Of Yarns Is Deeper & Uniform

6,000.....Test Cycles

No Noticable Change

10,000.....Test Cycles

Fail/Hole

15,000..... Test Cycles

Pre-Test Weight

6.7123 g.

Post-Test Weight

6.1526 g.

Test End Loss Of Mass Point Of Destruction

0.5597 g.

CHEMICAL RESISTANCE

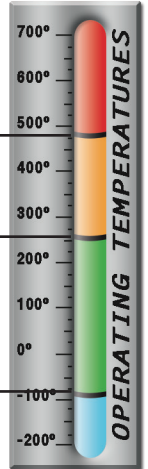
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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 _____
Flammability Rating _____
Recommended Cutting _____ Scissors
Colors _____ 1
Wall Thickness _____ .06
Tensile Strength (Yarn) _____ ASTM D-2256 Lbs
Specific Gravity ASTM D-792 _____ 1.38
Moisture Absorption _____ 2.7 % ASTM D-570
Hard Vacuum Data _____ ASTM E-595 at 10-5 torr
TML _____ 1.10
CVCM _____ .01
WVR _____ .69
Smoke D-Max _____ N/A ASTM E-662
Outgassing _____ High
Oxygen Index _____ 22