



- 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      |

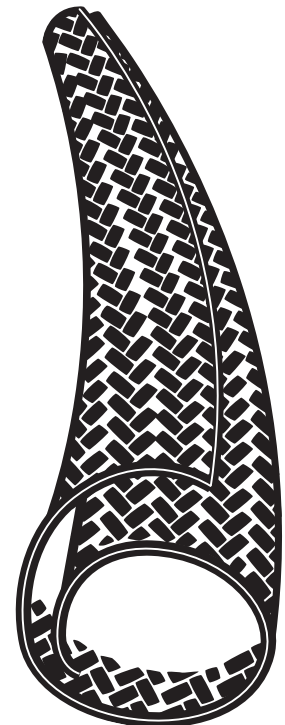
**Chafe Protection Wrap**

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

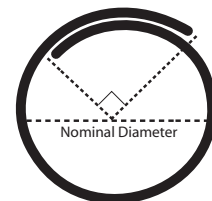
Techflex F6 Heavy is reimagined from the ground up to protect hoses and cables from chafing and abrasion. The easy wrap installation technology is a first for the hydraulic and fluid transfer industry. By combining the extreme cut and abrasion defense of a traditional woven nylon protection sleeve and 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)



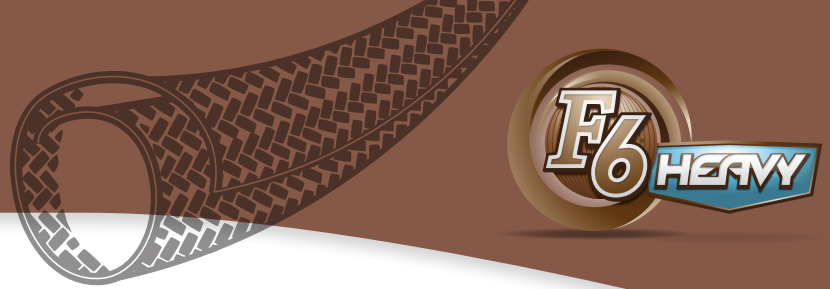
■ This is a non-expandable product. Be sure to match your application diameter accurately.



[www.techflex.com](http://www.techflex.com)

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





## 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

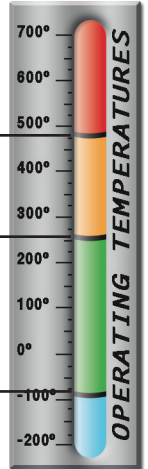
1=No Effect    4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

|                                  |      |
|----------------------------------|------|
| 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 _____       | .02"     |
| Flammability Rating _____         |          |
| Recommended Cutting _____         | Scissors |
| Colors _____                      | 1        |
| Wall Thickness _____              | .06"     |
| Specific Gravity ASTM D-792 _____ | 1.38     |
| Moisture Absorption _____         | 2.7      |
| % ASTM D-570                      |          |
| TML _____                         | 1.10     |
| CVCM _____                        | .01      |
| WVR _____                         | .69      |
| Outgassing _____                  | High     |
| Oxygen Index _____                | 22       |