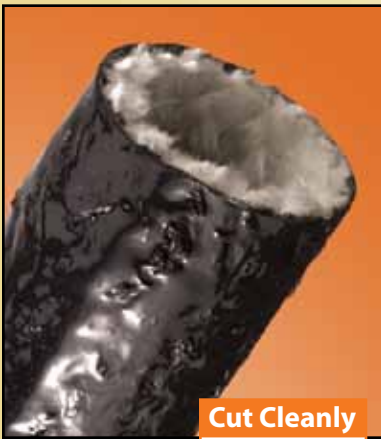




# FIREFLEX

- Stable to 500°F
- Jacketed With A Non-Permeable, Heavy Silicone Coating That Is Flexible Enough To Follow Tight Radius Curves
- Contains Radiant Heat To Prevent Damage To Nearby Components
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant



**Cut Cleanly  
Scissors**

## Material FIN

**Silicone Jacketed Fiberglass**

## Grade

**FIN**

## Wall Thickness

**.072"**

## Drawing Number

**TF001FIN-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<br>±0.010" | Bulk Spool | Shop Spool | Available Colors | Lbs/100' |
|--------------|---------|---------------------------|------------|------------|------------------|----------|
| 1/4"         | FIN0.25 | .072"                     | 100'       | 50'        | 2                | 4.80     |
| 3/8"         | FIN0.38 | .072"                     | 100'       | 50'        | 2                | 6.30     |
| 1/2"         | FIN0.50 | .072"                     | 100'       | 50'        | 2                | 7.40     |
| 5/8"         | FIN0.63 | .072"                     | 100'       | 50'        | 2                | 8.80     |
| 3/4"         | FIN0.75 | .072"                     | 50'        | 25'        | 2                | 9.80     |
| 7/8"         | FIN0.88 | .072"                     | 50'        | 25'        | 2                | 10.10    |
| 1"           | FIN1.00 | .072"                     | 50'        | 25'        | 2                | 13.50    |
| 1 1/4"       | FIN1.25 | .072"                     | 50'        | 25'        | 2                | 14.00    |
| 1 1/2"       | FIN1.50 | .072"                     | 50'        | 25'        | 2                | 14.70    |
| 1 3/4"       | FIN1.75 | .072"                     | 50'        | 25'        | 2                | 16.30    |
| 2"           | FIN2.00 | .072"                     | 50'        | 25'        | 2                | 20.50    |
| 2 1/4"       | FIN2.25 | .072"                     | 50'        | 25'        | 2                | 22.90    |
| 2 3/8"       | FIN2.38 | .072"                     | 50'        | 25'        | 2                | 26.90    |
| 2 1/2"       | FIN2.50 | .072"                     | 50'        | 25'        | 2                | 28.30    |
| 2 3/4"       | FIN2.75 | .072"                     | 50'        | 25'        | 2                | 30.10    |
| 2 7/8"       | FIN2.88 | .072"                     | 50'        | 25'        | 2                | 32.00    |
| 3"           | FIN3.00 | .072"                     | 50'        | 25'        | 2                | 33.40    |
| 3 1/2"       | FIN3.50 | .072"                     | 25'        | -          | 2                | 37.20    |
| 4"           | FIN4.00 | .072"                     | 25'        | -          | 2                | 40.10    |

## Silicone Jacketed Fiberglass Resists Heat, Abrasion And Moisture

Silicone jacketed fiberglass sleeving is the choice of professionals in racing and other industries where protection from constant temperatures approaching 500° F is mandatory. Engineered to contain radiant exhaust and coolant heat within pipes and hoses and to protect expensive performance equipment and operators from thermal damage.

FireFlex is completely non-conductive, will not melt, delaminate, become brittle or support combustion under normal conditions, and provides a professional level solution to thermal protection needs in any application.

**Fuel lines in race cars are especially vulnerable to high engine temperatures. FireFlex can help maintain proper fuel temperature.**

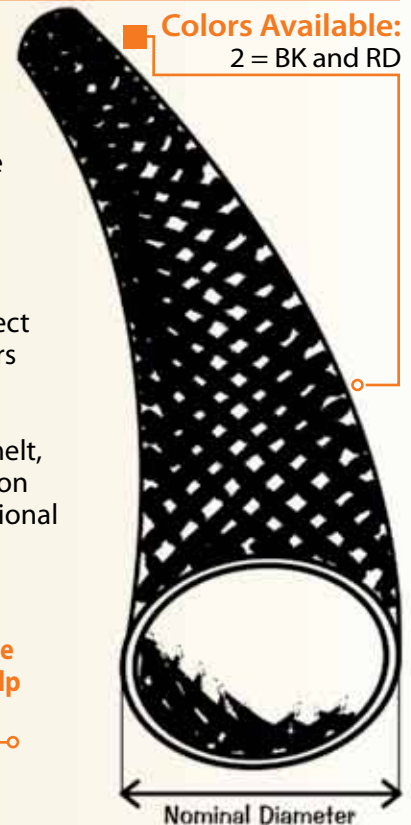
Colors Available:



Black (BK) and Red (RD).

## Colors Available:

2 = BK and RD



**HALOGEN  
FREE**





### FIREFLEX



**Abrasion Resistance**  
**Extremely High**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**71°F**

**Humidity**  
**61%**

**Small Hole In Coating**  
**400 Test Cycles**

**Several Small Holes**  
**Worn Through Coating**  
**1,200 Test Cycles**

**Coating Worn Through**  
**-No Wear On Fiberglass**  
**4,800 Test Cycles**

**Fiberglass Begins To**  
**Show Moderate Wear**  
**6,500 Test Cycles**

**Material Destroyed**  
**8,400 Test Cycles**

**Pre-Test Weight**  
**22,961.3 mg**

**Post-Test Weight**  
**20,942.2 mg**

**Test End Loss Of Mass**  
**Point Of Destruction**  
**2,019.1 mg**



Rating \_\_\_\_\_ Non Flammable



### Chemical Resistance

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

|                            |     |
|----------------------------|-----|
| Aromatic Solvents          | 1   |
| Aliphatic Solvents         | 1   |
| Chlorinated Solvents       | 1   |
| Weak Bases                 | 1   |
| Salts                      | 1   |
| Strong Bases               | 1   |
| 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               | 2   |
| Strong Oxidants            | 2   |
| Esters/Keytones            | 1   |
| UV Light                   | 1   |
| Petroleum                  | 1   |
| Fungus ASTM G-21           | 1   |
| Halogen Free               | Yes |
| RoHS                       | Yes |
| SVHC                       |     |

**Melt Point**  
*ASTM D-2117*  
**2,048°F (1,120°C)**

**Maximum Continuous**  
*Mil-I-23053*  
**500°F (260°C)**

**Minimum Continuous**  
**-65°F (-54°C)**



### PHYSICAL PROPERTIES

**Monofilament Diameter** \_\_\_\_\_ **NA**  
*ASTM D-204*

**Flammability Rating** \_\_\_\_\_ **Non Flammable**

**Recommended Cutting** \_\_\_\_\_ **Scissor**

**Colors** \_\_\_\_\_ **2**

**Wall Thickness** \_\_\_\_\_ **.072**

**Tensile Strength (Yarn)** \_\_\_\_\_  
*ASTM D-2256 Lbs*

**Specific Gravity ASTM D-792** \_\_\_\_\_ **NA**