

- 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



Scissors

**Material FIN** Silicone Jacketed Fiberglass

Grade FIN

Wall Thickness .072"

**Drawing Number TF001FIN-WD** 



Nominal	Part	Wall Thickness	Bulk	Shop	3Available	Lbs/
Size	#	±0.010"	Spool	Spool	3Colors	100'
1/4″	FIN0.25	.072″	100′	50′	3	4.80
3/8″	FIN0.38	.072″	100′	50′	3	6.30
1/2″	FIN0.50	.072″	100′	50′	3	7.40
5/8″	FIN0.63	.072″	100′	50′	3	8.80
3/4″	FIN0.75	.072″	50′	25′	3	9.80
7/8″	FIN0.88	.072″	50′	25′	3	10.10
1″	FIN1.00	.072″	50′	25′	3	13.50
1 1/4″	FIN1.25	.072″	50′	25′	3	14.00
1 1/2″	FIN1.50	.072″	50′	25′	3	14.70
1 3/4″	FIN1.75	.072″	50′	25′	3	16.30
2″	FIN2.00	.072″	50′	25′	3	20.50
2 1/4″	FIN2.25	.072″	50′	25′	3	22.90
2 3/8″	FIN2.38	.072″	50′	25′	3	26.90
2 1/2″	FIN2.50	.072″	50′	25′	3	28.30
2 3/4″	FIN2.75	.072″	50′	25′	3	30.10
2 7/8″	FIN2.88	.072″	50′	25′	3	32.00
3″	FIN3.00	.072″	50′	25′	3	33.40
3 1/2″	FIN3.50	.072″	25′	-	3	37.20
4″	FIN4.00	.072″	25′	-	3	40.10

Put-Ups

## **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), Red (RD) and Silver (SV).

**Colors Available:** 3= BK, RD, SV





## EXTREME TEMPERATURE Technical Data Sheet



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## Melt Point TEMPERATURES ASTM D-2117 2,048°F (1,120°C) SABRASION AFLAMMABILITY 18504 11752 1100 Abrasion Resistance Rating Non Flammable 825\* Non Combustible Maximum Continuous **Extremely High** ERATING Mil-I-23053 Abrasion Test Machine 500°F (260°C) 275\* Taber 5150 Minimum Continuous Abrasion Test Wheel **CHEMICAL** -2750 -Calibrase H-18 -65°F (-54°C) RESISTANCE Abrasion Test Load 500g 1=No Effect 4=More Affected Room Temperature PHYSICAL 2=Little Effect 5=Severely Affected 71°F 3=Affected PROPERTIES Humidity 61% Aromatic Solvents \_\_\_\_\_ 1 Monofilament Diameter NA Small Hole In Coating ASTM D-204 Aliphatic Solvents\_\_\_\_\_ 1 400 Test Cycles Flammability Rating \_\_\_ Non Flammable Chlorinated Solvents \_\_\_\_\_ 1 Recommended Cutting \_\_\_\_\_ Scissor Several Small Holes Weak Bases \_\_\_\_\_ 1 Worn Through Coating Colors \_\_\_\_\_\_ 3 Salts \_\_\_\_\_ 1 1,200 Test Cycles Wall Thickness\_\_\_\_\_\_.072 Strong Bases 1 **Coating Worn Through** Tensile Strength (Yarn) Salt Water 0-S-1926\_\_\_\_\_1 -No Wear On Fiberglass ASTM D-2256 Lbs Hvdraulic Fluid MIL-H-5606 \_\_\_\_\_ 1 4,800 Test Cycles Specific Gravity ASTM D-792 NA Lube Oil MIL-L-7808 1 Fiberalass Beains To Show Moderate Wear De-Icing Fluid MIL-A-8243 \_\_\_\_\_ 1 6,500 Test Cycles Strong Acids \_\_\_\_\_ 2 Material Destroyed Strong Oxidants \_\_\_\_\_ 2 8,400 Test Cycles Esters/Ketones \_\_\_\_\_ 1 Pre-Test Weight UV Light \_\_\_\_\_ 1 22,961.3 mg Petroleum \_\_\_\_\_ 1 Fungus ASTM G-21 \_\_\_\_\_ 1 Post-Test Weight 20,942.2 mg Halogen Free Yes RoHS \_\_\_\_\_ Yes Test End Loss Of Mass **Point Of Destruction** SVHC 2,019.1 mg

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