



- 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

FIA

Wall Thickness

.115"

Put-Ups

Nominal Size	Part #	Wall Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
1/4"	FIA0.25	.115"	100'	50'	2	8.04
3/8"	FIA0.38	.115"	100'	50'	2	9.96
7/16"	FIA0.44	.115"	100'	50'	2	12.96
1/2"	FIA0.50	.115"	100'	50'	2	14.04
5/8"	FIA0.63	.115"	100'	50'	2	20.04
3/4"	FIA0.75	.115"	50'	25'	2	21.96
7/8"	FIA0.88	.115"	50'	25'	2	26.04
1"	FIA1.00	.115"	50'	25'	2	33.00
1 1/8"	FIA1.13	.115"	50'	25'	2	35.04
1 1/4"	FIA1.25	.115"	50'	25'	2	36.96
1 3/8"	FIA1.38	.115"	50'	25'	2	44.04
1 1/2"	FIA1.50	.115"	50'	25'	2	48.00
1 5/8"	FIA1.63	.115"	50'	25'	2	38.04
1 3/4"	FIA1.75	.115"	50'	25'	2	42.00
1 7/8"	FIA1.88	.115"	50'	25'	2	44.04
2"	FIA2.00	.115"	50'	25'	2	48.00
2 1/4"	FIA2.25	.115"	50'	25'	2	55.00
2 1/2"	FIA2.50	.115"	50'	25'	2	65.04
2 3/4"	FIA2.75	.115"	50'	25'	2	76.20
3"	FIA3.00	.115"	50'	25'	2	87.00

**High Temperature Sleeve
AS1072 Aerospace Grade**

FireFlex Aero (FI) is engineered from a dense braided fiberglass sleeve and a thick coating of self-extinguishing high temperature silicone rubber that withstands 500°F continuous exposure, and molten splash up to 2,000°F.

Almost every aviation engine - turbine, turboprop or piston; civilian and military - uses FireFlex Aero to protect critical hoses and wiring in the event of an engine compartment fire. FireFlex Aero meets the specification of AS1072, allowing qualified hose assemblies to pass the fire resistance testing specification of AS1055D.

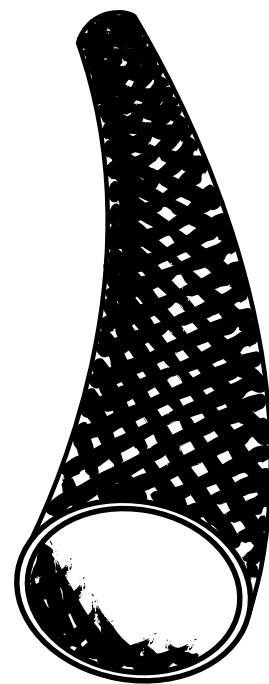
- The dense braided fiberglass interior insulates against energy loss in piping and hosing, while the high density silicone coating protects personnel from accidental injury.

Colors Available:



Black (BK) and Red (RD).

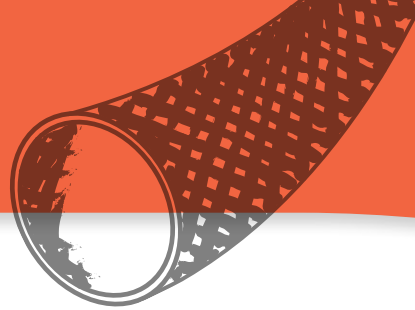
Colors Available:
2 = BK and RD



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**HALOGEN
FREE**





ABRASION **FLAMMABILITY**

Abrasion Resistance
Extremely High

Rating _____ Non Flammable

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

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/Ketones _____	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 _____ .115
Tensile Strength (Yarn) _____
ASTM D-2256 Lbs
Specific Gravity ASTM D-792 _____ NA

www.techflex.com