

Heavy Wall Fiberglass Protects Up To 1,200°F

The heavy wall construction, large available diameters, and high expandability of ULTRAFLEX PRO (FHH) provides a high level of protection and ease of installation when used to insulate pipes and hoses subject to abrasion and vibration. Ultraflex Pro cuts easily with scissors, and special heat treated construction minimizes fraying and dusting during assembly. Increased wall thickness adds value to insulation.



Insultherm Ultraflex Pro expands up to 50% for easy installation

Nominal Size	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
			Min.	Max.	Bulk Spool	Shop Spool		
1/2"	FHH0.50NT	.025"	3/8"	5/8"	100'	50'	Natural (NT)	3.50
3/4"	FHH0.75NT	.040"	5/8"	1 5/32"	100'	50'	Natural (NT)	8.00
1"	FHH1.00NT	.032"	7/8"	1 3/8"	50'	25'	Natural (NT)	7.00
1 1/4"	FHH1.25NT	.035"	1"	1 3/4"	50'	25'	Natural (NT)	10.50
1 1/2"	FHH1.50NT	.035"	1 1/8"	2 1/8"	50'	25'	Natural (NT)	10.00



Protects Up To 1,800°F

Densely woven Silica Sleeve (SLN) is ideal for protection of delicate components and personnel from exposure to high temperature exhausts and pipes. Silica Sleeve is braided into a strong and flexible sleeve from silica yarns. The thick 60 mil walls of this sleeving provide enhanced thermal protection up to 1,800°F. This product cuts easily with scissors or shears and expands to allow easy installation over water cooling hoses, hydraulic hoses, and electrical cables.



Nominal Size	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
			Min.	Max.	Bulk Spool	Shop Spool		
1/4"	SLN0.25NT	.060"	1/4"	1/2"	100	50	Natural (NT)	2.60
1/2"	SLN0.50NT	.060"	1/2"	5/8"	100	50	Natural (NT)	5.00
1"	SLN1.00NT	.060"	3/4"	1 5/32"	100	50	Natural (NT)	6.10
1 1/2"	SLN1.50NT	.060"	1"	1 1/2"	100	50	Natural (NT)	10.00
2"	SLN2.00NT	.060"	1 1/4"	2 3/16"	100	25	Natural (NT)	9.00
3"	SLN3.00NT	.060"	2 1/2"	3 1/2"	100	25	Natural (NT)	11.90
4"	SLN4.00NT	.060"	3 1/2"	4 1/2"	100	25	Natural (NT)	14.80
6"	SLN6.00NT	.060"	5 1/2"	6 1/2"	100	25	Natural (NT)	17.70

- **60 Mil Wall Thickness Provides Enhanced Thermal Insulation**
- **High Temperature Resistance**
- **Easy to Install**
- **Resists Gasoline and Engine Chemicals**
- **Cut and Abrasion Resistant**





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1"	SLN1.00NT	0.060"	3/4"	1 5/32"	100'	50'	Natural	6.10
1 1/2"	SLN1.50NT	0.060"	1"	1 1/2"	100'	50'	Natural	10.00
2"	SLN2.00NT	0.060"	1 1/4"	2 3/16"	100'	25'	Natural	9.00
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Put-Ups



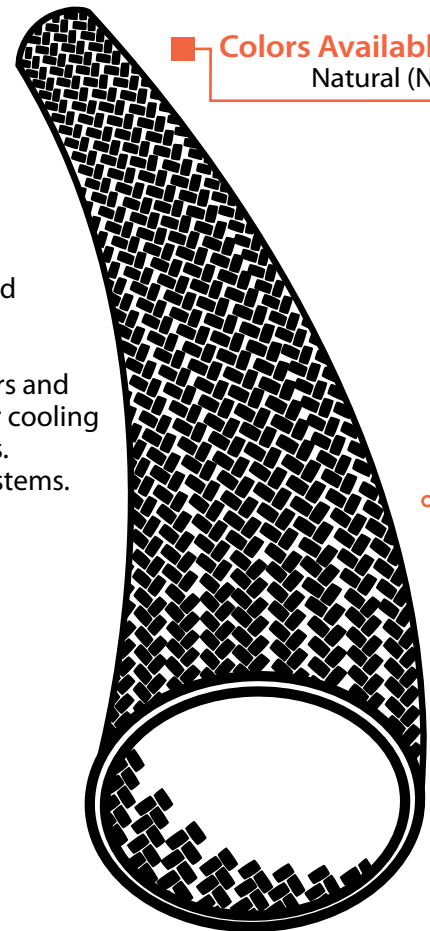
Cut Cleanly
Scissors

Easy Slip On Installation;
Protects To 1,800°F

Densely woven Silica Sleeve (SL) is ideal for protection of delicate components and personnel from exposure to high temperature exhausts and pipes.

Silica Sleeve is braided into a strong and flexible sleeve from silica yarns. The thick 60 mil walls of this sleeving provide enhanced thermal protection up to 1,800°F.

This product cuts easily with scissors or shears and expands to allow easy installation over water cooling houses, hydraulic hoses, and electrical cables. Also provides great insulation for exhaust systems.

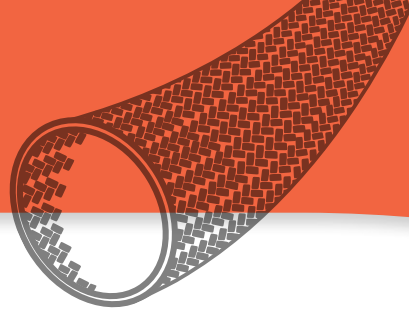


Colors Available:
Natural (NT)

Techflex Silica Sleeve can handle the temperature better than any other flexible sleeving.

Material	Silica Yarns
Grade	SLN
Wall Thickness	.060"





ABRASION **FLAMMABILITY**

Abrasion Resistance
Low

Rating _____ Non Flammable

**Material Destroyed -
Braid Worn through in
Both Directions**
125 Test Cycles

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

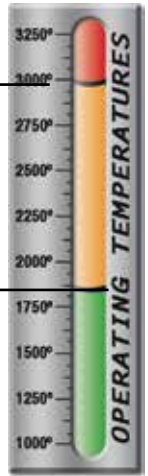
CHEMICAL RESISTANCE

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 _____	2
Petroleum _____	1
Fungus ASTM G-21 _____	1
Halogen Free _____	
RoHS _____	
SVHC _____	

Melt Point
ASTM D-2117
3,000°F (1,649°C)

Maximum Continuous
Mil-I-23053
1,800°F (982°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____ NA
ASTM D-204
Flammability Rating ___ Non Flammable
Recommended Cutting _____ Scissor
Colors _____ 1
Wall Thickness _____ .06

www.techflex.com