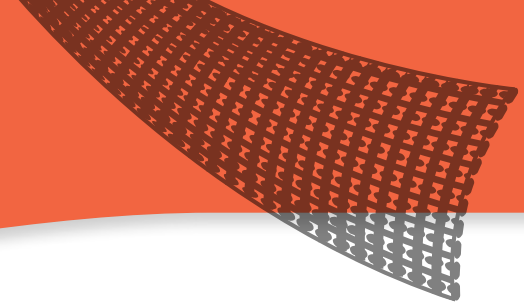
INSULTHERM HEADER WRAP SI



EXTREME TEMPERATURE
Technical Data Sheet

- Amorphous Silica
- High Temperature Resistance
- Easy To Install
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant

Wall Thickness	Part #	Width	Expansion Range		Put-Ups: Bulk Spool	Put-Ups: Shop Spool	Available Colors	Lbs/ 100′
			Min.	Max.				
1/16″	HSN1.00NT	1″	Non-expandable		100′	50′	Natural	1.50
1/16″	HSN2.00NT	2″	Non-expandable		100′	50′	Natural	3.05

CUSTOM CONFIGURATIONS

Thicknesses Available: 1/16″, 1/8″

Widths Available: 1″– 4″

Contact us for custom product options.

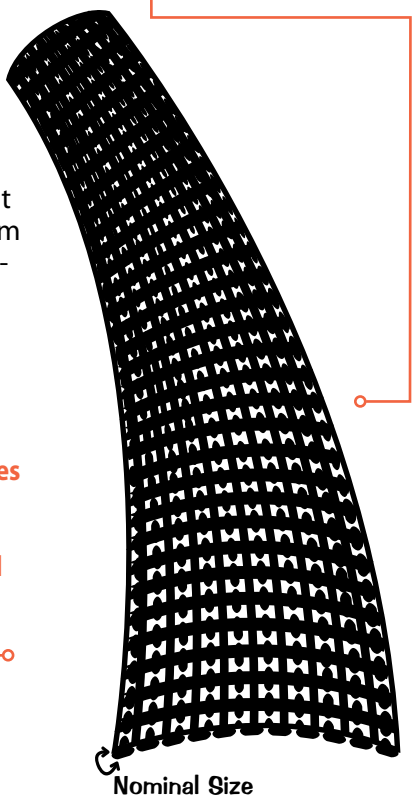
Silica Wrap Withstands Continuous Heat Up To 2,000°F

Cut Cleanly
Scissors

HEADER WRAP SI INSULTHERM is extremely high temperature resistant. Commonly used for the headers and exhaust.

Header Wrap SI is made from texturized amorphous silica filament yarn woven into a strong and flexible form. Because the yarn is texturized into a bulky form it provides excellent insulating values. Header Wrap SI is not made from leached fiberglass, resulting in a much more wear-resistant finished product.

Colors Available:
Natural (NT).



Nominal Size

Material
Amorphous Silica

Grade
HSN

Monofilament Thickness
.0625″-.125″

Drawing Number
TF001SW-WD

Reduces under-hood temp. up to 70%, increases horsepower and fuel efficiency. HW works by holding heat within the header, which creates a better exhaust flow. This allows easy removal of spent gases and creates more airflow to the engine.

TECHFLEX
Braided Sleeving Products
www.techflex.com
800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

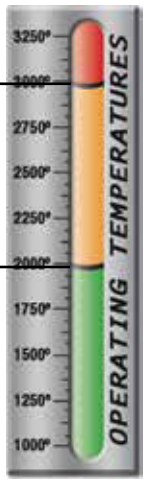
HALOGEN FREE

RoHS Compliant

InsulTHERM HEADER WRAP ST™

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

Maximum Continuous
Mil-I-23053
2,000°F (1,093°C)



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ABRASION

Abrasion Resistance
ASTM D-4157
Medium

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
75°F

Humidity
65%

Material Showing Visible Wear
75 Test Cycles

Material Destroyed
225 Test Cycles

Pre-Test Weight
11,600.7 mg

Post-Test Weight
9,518.62 mg

Test End Loss Of Mass Point Of Destruction
2,082.08 mg

FLAMMABILITY

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/Ketones	1
UV Light	2
Petroleum	1
Fungus *ASTM G-21*	1
Halogen Free	Yes
RoHS	
SVHC	

PHYSICAL PROPERTIES

Monofilament Diameter *ASTM D-204*	NA
Flammability Rating	Non Flammable
Recommended Cutting	Scissor
Colors	2
Wall Thickness	.0625-.125
Tensile Strength (Yarn) *ASTM D-2256 Lbs*	
Specific Gravity *ASTM D-792*	2.2