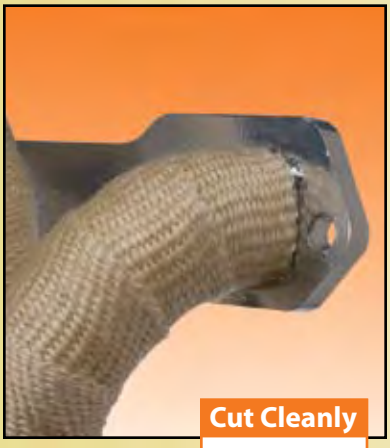
EXTREME TEMPERATURES
Technical Data Sheet

HEADER WRAP SI

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

Widths	Part #	Wall Thickness	Expansion Range		Put-Ups: Bulk Spool	Put-Ups: Shop Spool	Put-Ups: Retail	Available Colors	Lbs/100′
			Min.	Max.					
1″	HSN1.00NT	1/16″	This is a		100′	50′	25′	Natural	1.50
2″	HSN2.00NT	1/16″	non-expandable product.		100′	50′	25′	Natural	3.05

CUSTOM CONFIGURATIONS
Thicknesses Available: 1/16″, 1/8″
Widths Available: 1″– 4″
Contact us for custom product options.



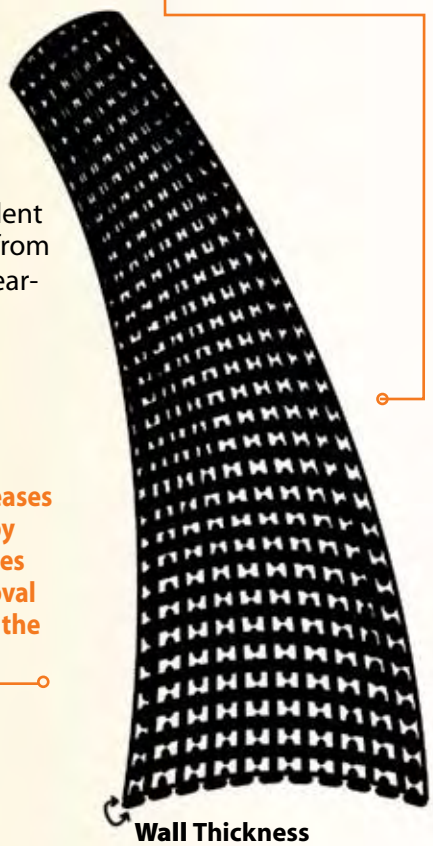
Cut Cleanly
Scissors

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

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).



Wall Thickness

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 gasses and creates more airflow to the engine.

TECHFLEX
Braided Sleeving Products
www.techflex.dk

HALOGEN FREE

HEADER WRAP SI

SI HEADER WRAP Insultherm

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

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

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

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_____2
Petroleum_____1
Fungus *ASTM G-21*_____1
Halogen Free_____Yes
RoHS_____
SVHC_____

PHYSICAL PROPERTIES

Monofilament Diameter_____NA
ASTM D-204
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

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