



HEADER WRAP SI

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

Put-Ups

Widths	Part #	Wall Thickness	Expansion Range		Bulk Spool	Shop Spool	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.



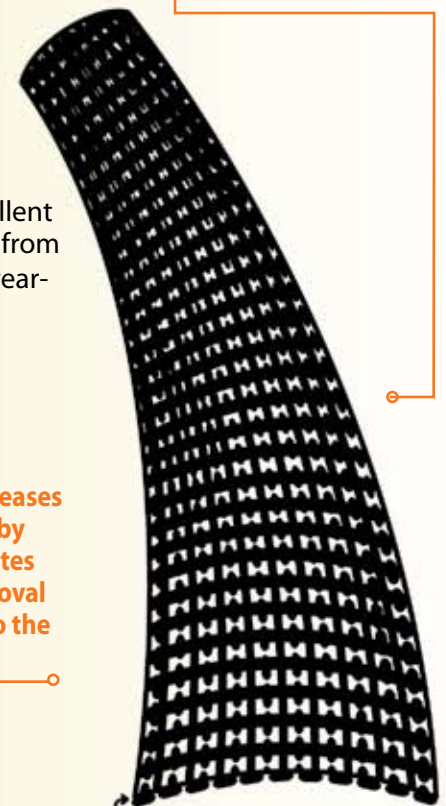
**Cut Cleanly
 Scissors**

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

■ 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.

Material

Amorphous Silica

Grade

HSN

Monofilament Thickness

.0625"-.125"

Drawing Number

TF001SW-WD



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**HALOGEN
 FREE**



HEADER WRAP SI



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



Rating _____ Non Flammable



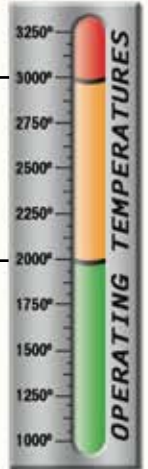
Chemical Resistance

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

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

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



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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