

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

Wall Thickness	Part #	Width	Expansion Range		Bulk Spool	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

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.



**Cut Cleanly
Scissors**

Material
Amorphous Silica

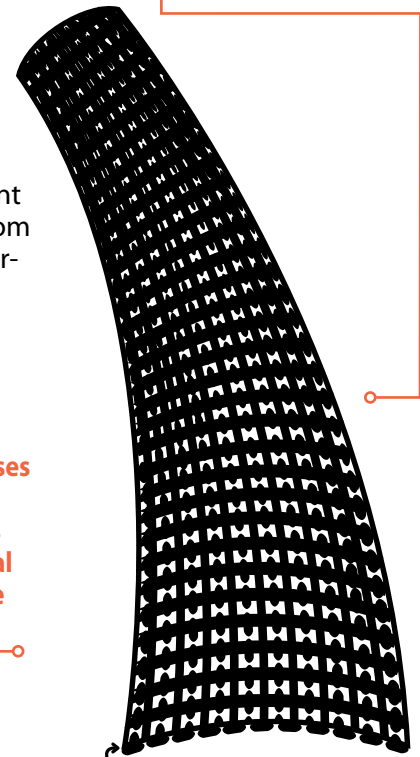
Grade
HSN

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.

Colors Available:
Natural (NT).



Nominal Size



ABRASION **FLAMMABILITY**

Abrasion Resistance
ASTM D-4157
Medium

Rating _____ Non Flammable

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

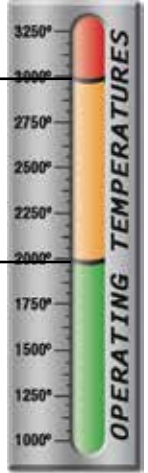
CHEMICAL RESISTANCE

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 _____	

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