EXTREME TEMPERATURES Technical Data Sheet

HEADER WRAP SI



- Put-Ups —

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

	Widths	Part #	Wall Thickness	Expansion Range		DOIN	Shop	Retail	Available	Lbs/
				Min.	Max.	Spool	Spool		Colors	100'
I	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"



Material **Amorphous Silica**

Grade

HSN

Monofilament Thickness .0625"-.125"

Drawing Number

TF001SW-WD



Contact us for custom product options.

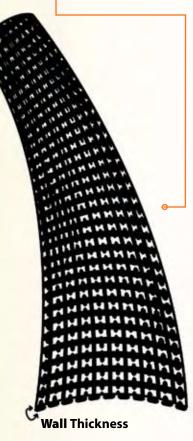
Silica Wrap Withstands Continuous Heat Up To 2,000°F

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 wearresistant finished product.

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.

Colors Available: Natural (NT).





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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



Chemical

Non Flammable Rating

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 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) www.techflex.dk

2750 2500*

2250*-

2000

1750*-1500*-

1250°-

1000*

PHYSICAL

Monofilament Diameter ASTM D-204	<u> </u>							
Flammability Rating	_Non Flammable							
Recommended CuttingScissor								
Colors	2							
Wall Thickness0625125								
Tensile Strength (Yarn) ASTM D-2256 Lbs								
Specific Gravity ASTM D	-792 2.2							

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