



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

Put-Ups

Wall Thickness	Part #	Width	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Kgs/100m
			Min.	Max.				
1,6mm	HSN1.00NT	25,4mm	Non-expandable		30,5m	15,2m	Natural	2,23
1,6mm	HSN2.00NT	50,8mm	Non-expandable		30,5m	15,2m	Natural	4,54

CUSTOM CONFIGURATIONS

Thicknesses Available: 1,6mm and 3,18mm
Widths Available: 25,4mm – 101,6mm
Contact us for custom product options.

Silica Wrap Withstands Continuous Heat Up To 1 093°C

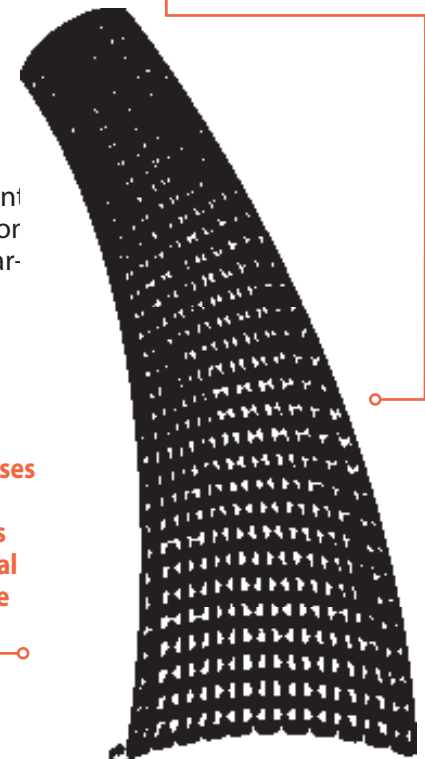
HEADER WRAP SI INSULTHERM is extremely high temperature resistant. Commonly used for the headers and exhaust.

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).



**Cut Cleanly
Scissors**



Nominal Size

■ **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.**

Material
Amorphous Silica

Grade
HSN

Monofilament Thickness
1,6mm

Drawing Number
TF001SW-WD



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**HALOGEN
FREE**





ABRASION FLAMMABILITY

Abrasion Resistance
ASTM D-4157
Low

Rating _____ Non Flammable

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
75°F/24°C

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

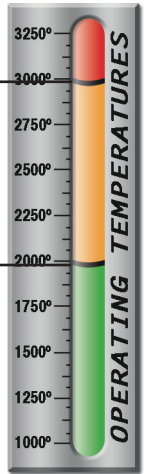
CHEMICAL RESISTANCE

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 _____	

MeltPoint
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 _____ 1,6mm
Tensile Strength (Yarn) _____
ASTM D-2256 Lbs
Specific Gravity ASTM D-792 _____ 2,2