EXTREME TEMPERATURES
Technical Data Sheet

HEADER WRAP

HEADER WRAP Insultherm

- Vermiculite Coated, Heavy Weight Braided Fiberglass
- High Temperature Resistant
- Easy To Install
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant
- Increases Horsepower And Improves Fuel Mileage

Material
Fiberglass

Grade
HFN

Wall Thickness
.0625"-.125"

Drawing Number
TF001IW-WD

Widths	Part #	Wall Thickness	Expansion Range		Put-Ups: Bulk Spool	Put-Ups: Shop Spool	Put-Ups: Retail	Available Colors	Lbs/ 100'
			Min.	Max.					
1"	HFN1.00	1/16"	This is a		100'	50'	25'	NT, BK	1.50
2"	HFN2.00	1/16"	non-expandable product.		100'	50'	25'	NT, BK	3.05

CUSTOM CONFIGURATIONS

Thicknesses Available: 1/16", 1/8"

Widths Available: 1/2"– 6"

Contact us for custom product options.

Vermiculite Coated Fiberglass Wrap Withstands Heat Up To 1,000°F

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

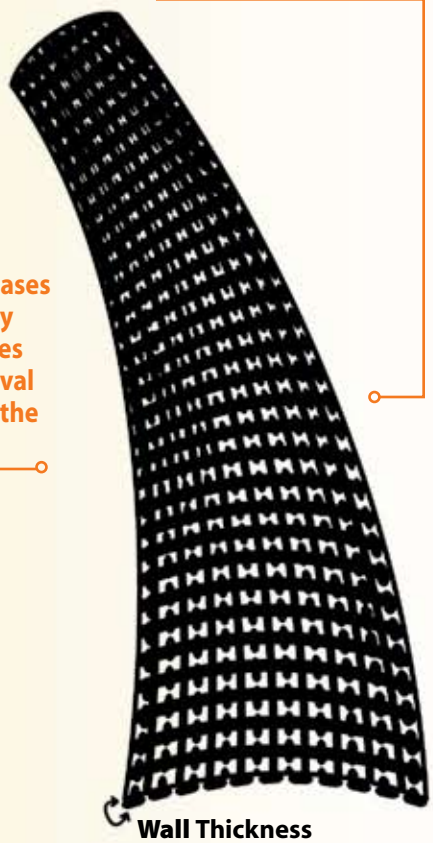
Manufactured from texturized fiberglass yarns and woven into a strong and flexible wrap with vermiculite coating.

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) and Black (BK).

Colors Available:
2 = NT and BK.



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HALOGEN FREE

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ABRASION

Abrasion Resistance
Medium

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
75°F

Humidity
65%

Material Beginning To Wear Through In One Spot
400 Test Cycles

Material Destroyed
500 Test Cycles

Pre-Test Weight
13,162.7 mg

Post-Test Weight
11,614.3 mg

Test End Loss Of Mass Point Of Destruction
1,548.4 mg

FLAMMABILITY

Rating_____Non Flammable

Melt Point
ASTM D-2117
2,048°F (1,120°C)

Maximum Continuous
Mil-I-23053
1,200°F (649°C)

Minimum Continuous
-70°F (-57°C)

Chemical Resistance

1=*No Effect* 2=*Little Effect* 3=*Affected* 4=*More Affected* 5=*Severely 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*_____2.6

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