

EXTREME TEMPERATURES

Technical Data Sheet



HEADER WRAP

- 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

Put-Ups

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



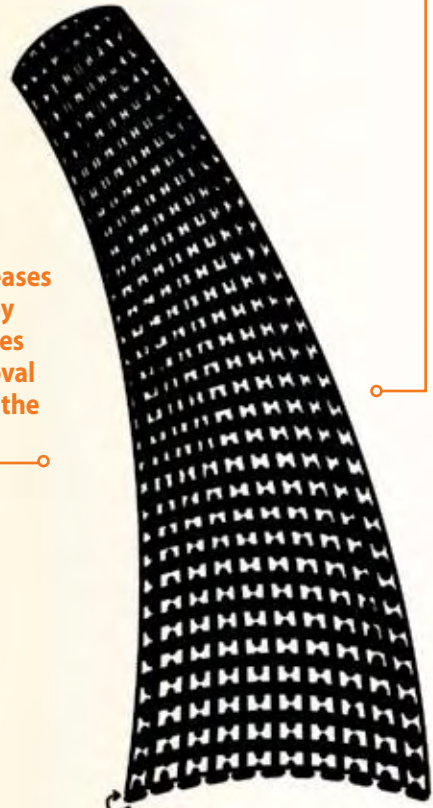
Cut Cleanly
Scissors

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.

Colors Available:
2 = NT and BK.



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
Fiberglass

Grade
HFN

Wall Thickness
.0625"-.125"

Drawing Number
TF001IW-WD

Colors Available:



Natural (NT) and Black (BK).



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HALOGEN FREE

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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



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
2,048°F (1,120°C)

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

Minimum Continuous
-70°F (-57°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* _____ **2.6**

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