



- 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



Cut Cleanly
Scissors

Material
Fiberglass

Grade
HFN

Wall Thickness
.0625"-.125"

Drawing Number
TF001IW-WD

Wall Thickness	Part #	Width	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
			Min.	Max.				
1/16"	HFN1.00	1"	Non-expandable		100'	50'	2	1.50
1/16"	HFN2.00	2"	Non-expandable		100'	50'	2	3.05

CUSTOM CONFIGURATIONS

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

Widths Available: 1/2" - 6"

Contact us for custom product options.

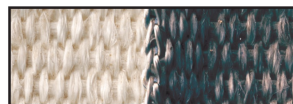
Vermiculite Coated Fiberglass Wrap Withstands Heat Up To 1,000°F

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

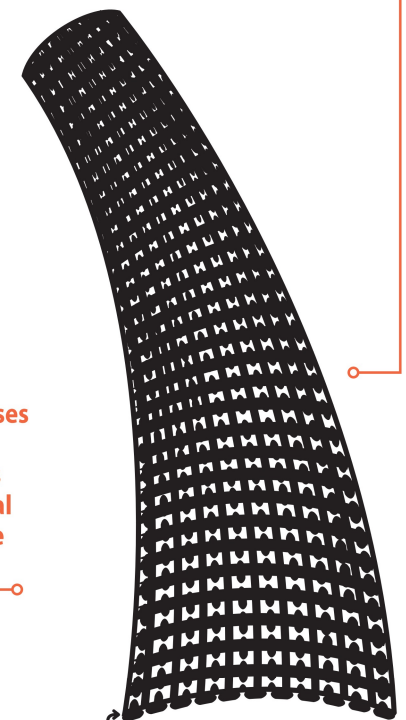
Manufactured from texturized fiberglass yarns and woven into a strong and flexible wrap with vermiculite coating.

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 gases and creates more airflow to the engine.

Colors Available:



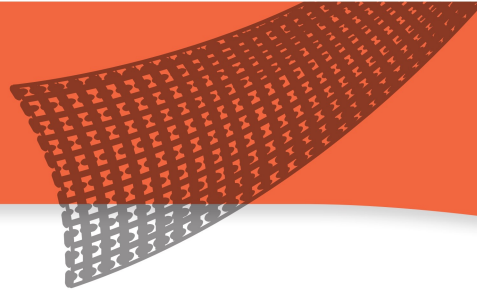
Natural (NT) and Black (BK).



Nominal Size

Colors Available:
2 = NT and BK





ABRASION **FLAMMABILITY**

Abrasion Resistance
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 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

CHEMICAL RESISTANCE

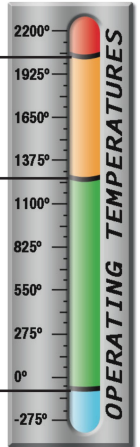
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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
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