#### **EXTREME TEMPERATURES** Technical Data Sheet

## HEADER WRAP



- Put-Ups —

- 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



NES.									
Widt		Wall	Expansion Range		Bulk	Shop	Retail	Available	Lbs/
	#	Thickness	Min.	Max.	Spool	Spool		Colors	100′
1″	HFN1.00	1/16″	Thi	s is a	100′	50′	25′	NT, BK	1.50
2″	HFN2.00	1/16″	non-expand	lable 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.

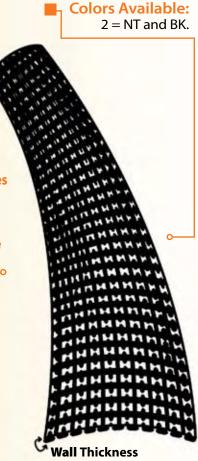
Manufactured from texturized fiberglass yarns and woven into a strong and flexible wrap with vermiculite coating.

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).



HALOGEN FREE **EXTREME TEMPERATURES Technical Data Sheet** 

### **HEADER WRAP**





#### 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



Non Flammable Rating

# Chemical

-		-
	1=	=N
	-	=Li
	-	-

Resistance o Effect 4=More Affected ttle Effect 5=Severely Affected

3=Affected	
Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	
Salts	
Strong Bases	
Salt Water 0-S-1926	1
Hydraulic Fluid <i>MIL-H-</i> 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	
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	
SVHC	

ASTM D-2117	2200-
2,048°F (1,120°C)	1565-
Maximum Continuous	165.0
<u>Mil-I-23053</u>	1990-
<b>1,200°F (649°C)</b>	11DC>-
	89 -

Melt Point

Minimum Continuous -70°F (-57°C) **TEMPERATURES** 

ERATING

40

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2164

2TP

## PHYSICAL PROPERTIES

Monofilament Diameter ASTM D-204	NA
Flammability Rating	_Non Flammable
Recommended Cutting_	Scissor
Colors	2
Wall Thickness	.0625125
Tensile Strength (Yarn)_ ASTM D-2256 Lbs	
Specific Gravity ASTM D	- <i>792</i> 2.6

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