



## INSULTHERM® HEADER WRAP

### VERMICULITE COATED FIBERGLASS WRAP · WITHSTANDS HEAT UP TO 538°C INCREASES HORSEPOWER & IMPROVES FUEL MILEAGE

Insultherm® Header Wrap 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. It reduces under-hood temp. up to 70%, increases horsepower and fuel efficiency. Header Wrap 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.

#### SIZING CHART

Wall Thickness	Part #	Width	*Put-Ups			Available Colors	Kgs/100m
			S	M	L		
1,6mm	HFN1.00	25,4mm	7,6m	15,2m	30,5m	2	2,23
1,6mm	HFN2.00	50,8mm	7,6m	15,2m	30,5m	2	4,54

\*Put-Ups: "S" = Retail/Clam, "M" = Shop Spool, and "L" = Bulk Spool



#### FEATURES

Material	Fiberglass
Grade	HFN
Wall Thickness	1,6mm
Drawing Number	TF001HFN-WD
Cutting	Scissors

#### COLORS



Natural (NT), Black (BK)

#### CERTIFICATIONS



## ABRASION

Abrasion Resistance	<b>MEDIUM</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	75°F / 24°C
Humidity	65%
Material Beginning To Wear Through In One Spot	400 Test Cycles
Material Destroyed	500 Test Cycles
Pre-Test Weight	13 162,7mg
Post-Test Weight	11 614,3mg
Test End Loss Of Mass Point Of Destruction	1 548,4mg

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non Flammable
Recommended Cutting	Scissors
Colors	2
Wall Thickness	1,6mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	2,6
Moisture Absorption % (ASTM D-570)	NA
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

## FLAMMABILITY

Rating	Non Flammable
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## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	2,048°F / 1,120°C
Maximum Continuous (Mil-I-23053)	1,200°F / 649°C
Minimum Continuous (Mil-I-23053)	-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 (O-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	Yes
SVHC	NA