



THERMASHIELD® T6 HEAT REFLECTIVE ALUMINUM LAMINATED FIBERGLASS SELF WRAP & SEAL OVERLAP WITH HIGH TEMPERATURE ADHESIVE STRIP

The newest item in the ThermaShield® line of aluminized fiberglass products, T6 is designed for ease of installation when component disassembly isn't practical. Just wrap the pre-formed, split flexible tube around any component and seal the sides with the high temperature adhesive strip to provide protection from hot pipes and engine components. The highly reflective aluminized exterior, combined with the insulating fiberglass interior, protects delicate wire bundles, cables and lines from damage caused by nearby exhaust pipes, headers or other heat generating components. When applied, the aluminum laminate reflects heat away and the insulating fiberglass backing protects the fragile contents from thermal damage and failure. T6 can reduce the heat transmission from hot pipes or engine components into hoses or harnesses by up to 50% or more.

SIZING CHART

Nominal Size	Part #	Wall Thickness ±.007"	4 Feet Pcs. *Put-Ups				Available Colors	Lbs/ 10Pcs.
			XS	S	M	L		
¼"	T6F0.25SV	.042"	50	100	140	250	1	1.00
⅜"	T6F0.38SV	.042"	30	50	90	250	1	1.50
½"	T6F0.50SV	.042"	25	40	70	250	1	2.00
⅝"	T6F0.63SV	.042"	20	35	60	150	1	2.50
¾"	T6F0.75SV	.042"	15	30	50	125	1	3.00
1"	T6F1.00SV	.042"	9	20	30	70	1	3.50
1¼"	T6F1.25SV	.042"	6	10	20	63	1	4.50
1½"	T6F1.50SV	.042"	4	8	15	40	1	5.00
2"	T6F2.00SV	.042"	2	4	8	24	1	6.00



FEATURES

Material	Aluminum Laminated Fiberglass
Grade	T6F
Wall Thickness	.042"
Drawing Number	TF001T6F-WD
Cutting	Scissors

COLORS



Silver (SV)

CERTIFICATIONS





ABRASION

Abrasion Resistance	EXTREME
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	71°F
Humidity	53%
Most Foil Coating Worn Away In Tested Area Of Material	3,500 Test Cycles
Material Destroyed - Braid Worn Through In Both Directions	6,000 Test Cycles
Pre-Test Weight	18,188.4 mg
Post-Test Weight	16,555.5 mg
Test End Loss Of Mass Point Of Destruction	1,632.9 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non Flammable
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.042"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	NA
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
--------	---------------

OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	2,048°F / 1,120°C
Maximum Continuous (Mil-I-23053)	491°F / 255°C
Minimum Continuous	-76°F / -60°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/Ketones	1
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	NA