



THERMASHIELD T6

- Heat Reflective Aluminum Laminated Fiberglass
- Self Wrap And Seal Overlap With High Temperature Adhesive Strip
- Reflects Radiant Heat
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant

4' Put-Ups

Nominal Size	Part #	Wall Thickness ±0.007"	Bulk Box	Box 8x8	Box 6x6	Box 4x4	Available Colors	Lbs/10Pcs.
1/4"	T6F0.25SV	0.042"	250	140	100	50	Silver	1.0
3/8"	T6F0.38SV	0.042"	250	90	50	30	Silver	1.5
1/2"	T6F0.50SV	0.042"	250	70	40	25	Silver	2.0
5/8"	T6F0.63SV	0.042"	150	60	35	20	Silver	2.5
3/4"	T6F0.75SV	0.042"	125	50	30	15	Silver	3.0
1"	T6F1.00SV	0.042"	70	30	20	9	Silver	3.5
1 1/4"	T6F1.25SV	0.042"	63	20	10	6	Silver	4.5
1 1/2"	T6F1.50SV	0.042"	40	15	8	4	Silver	5.0
2"	T6F2.00SV	0.042"	24	8	4	2	Silver	6.0

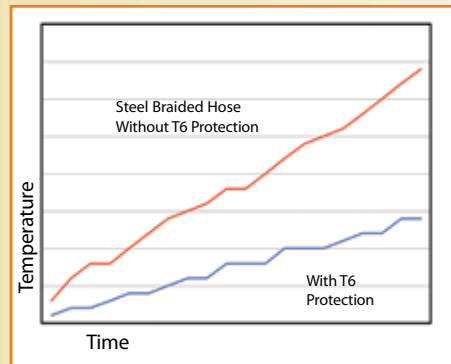


**Cut Cleanly
Scissors**

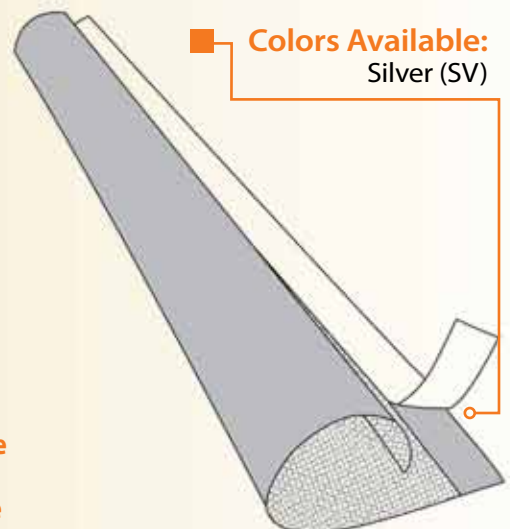
Reflective Aluminized Surface Bonded To Insulating Self Wrapping Fiberglass

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.



■ **Colors Available:**
Silver (SV)



Material

Aluminum Laminated Fiberglass

Grade

T6F

Wall Thickness

.042"

Drawing Number

TF001TW-WD

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.



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FAR-25

**HALOGEN
FREE**





THERMASHIELD T6



Abrasion Resistance
High

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

Braid Worn Through In
Both Directions
Material Destroyed
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



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	_____1
Petroleum	_____1
Fungus ASTM G-21	_____1
Halogen Free	_____Yes
RoHS	_____Yes
SVHC	_____

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)



PHYSICAL PROPERTIES

Monofilament Diameter _____ **NA**
ASTM D-204

Flammability Rating _____ **Non Flammable**

Recommended Cutting _____ **Scissor**

Colors _____ **1**

Wall Thickness _____ **.042**