



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.

Material

Aluminum Laminated Fiberglass

Grade

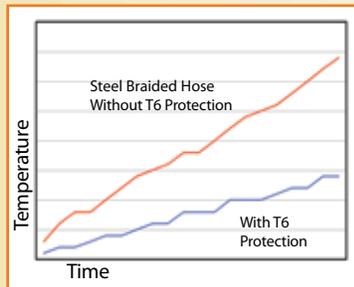
T6F

Wall Thickness

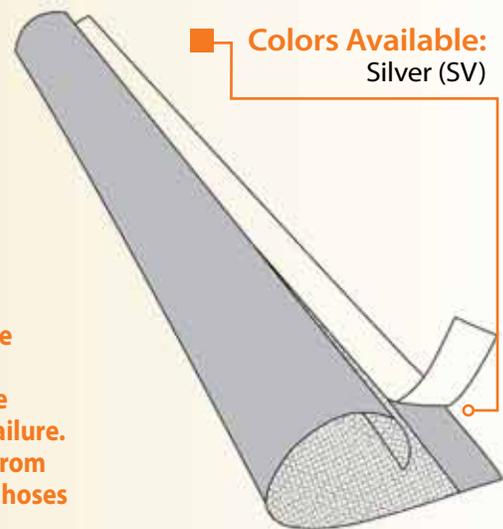
.042"

Drawing Number

TF001TW-WD



Colors Available:
 Silver (SV)



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.





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

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