

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" | 88 | 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**

Material

Aluminum Laminated Fiberglass

Grade

T6F

Wall Thickness

.042"

Drawing Number

TF001TW-WD

Reflective Aluminized Surface Bonded To Insulating Self Wrapping Fiberglass

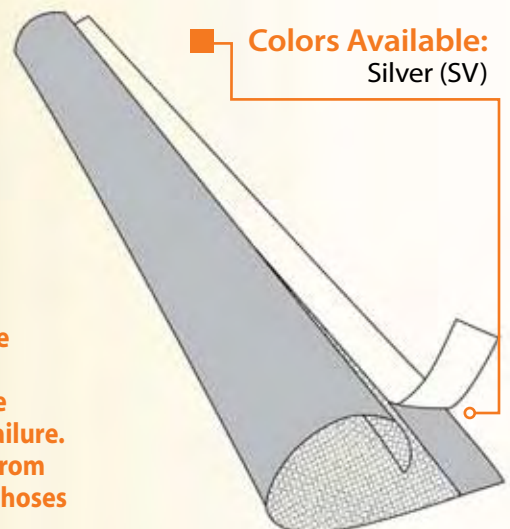
The newest item in the ThermaShield line of aluminized fiberglass products, T6 is designed for ease of installation when component disassembly isn't practical. Just wrap the pre-formed, split flexible tube around any component and seal the sides with the high temperature adhesive strip to provide protection 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.



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.

Colors Available:
Silver (SV)





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