



T6 Thermashield

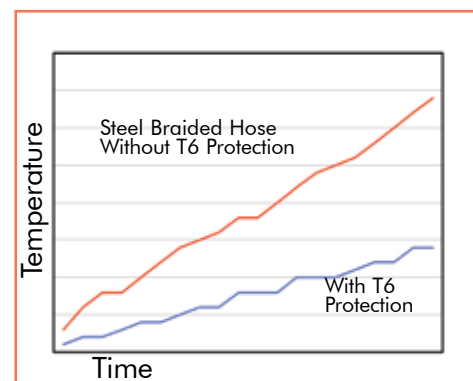
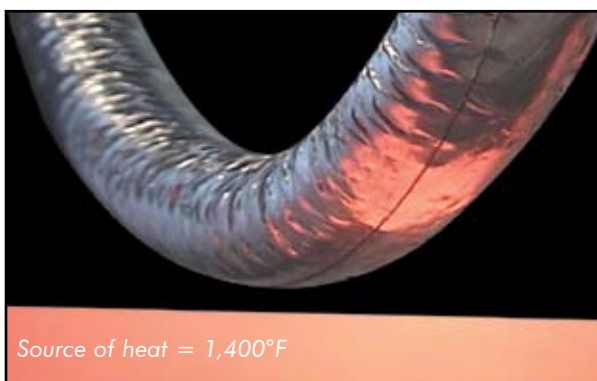
Flexible Thermal Reflective Wrap Deflects Radiant Heat up to 1,400°F

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.

- **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**
- **Cuts Cleanly with Scissors**
- **Halogen Free**

After long term exposure to extreme temp. (1,400°F) with the distance of 3/8" from the source of heat, T6 Thermashield remains flexible and resilient with no delaminating or breaking of the adhesive.



"T6 can reduce the heat transmission from hot pipes or engine components into hoses or harnesses by up to 50% or more"

Nominal Size	Wall Thickness	Part #	Expansion Range		4' pcs. Put-Ups				Available Colors	Lbs/100pc.
			Min	Min	Bulk Box	Box 8x8	Box 6x6	Box 4x4		
1/4"	.042"	T6F0.25	This is a non-expandable product. Be sure to match your application diameter accurately.		250	140	100	50	Silver (SV)	10
3/8"	.042"	T6F0.38			250	90	50	30	Silver (SV)	15
1/2"	.042"	T6F0.50			250	70	40	25	Silver (SV)	20
5/8"	.042"	T6F0.63			150	60	35	20	Silver (SV)	25
3/4"	.042"	T6F0.75			125	50	30	15	Silver (SV)	30
1"	.042"	T6F1.00			88	30	20	9	Silver (SV)	35
1 1/4"	.042"	T6F1.25			63	20	10	6	Silver (SV)	45
1 1/2"	.042"	T6F1.50			40	15	8	4	Silver (SV)	50
2"	.042"	T6F2.00			24	8	4	2	Silver (SV)	60

Please note that Wall Thickness for all T6 Thermashield products is ± 0.003 "



FAR-25



T6 is shipped in pre-cut 4' lengths

800 323-5140
www.techflex.com



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

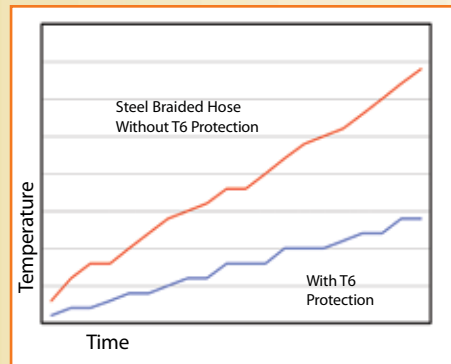


**Cut Cleanly
Scissors**

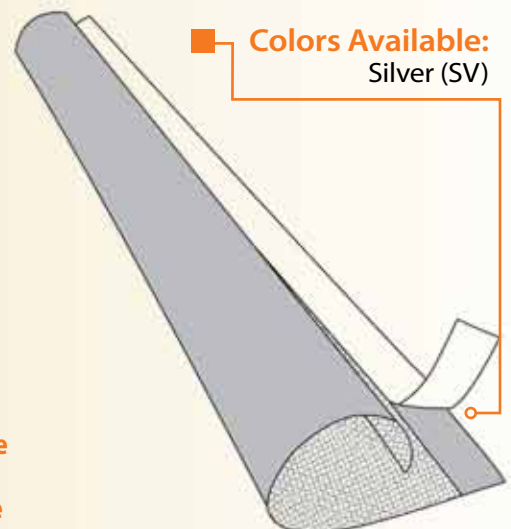
Reflective Aluminized Surface Bonded To Insulating Self Wrapping Fiberglass

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■ **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.



www.techflex.com

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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