

- Economical And Easy To Install
- Cuts Easily With Scissors
- Reflects Radiant Heat
- Insulates Delicate Wires And Components
- Resists Gasoline And Engine Chemicals



Cut Cleanly  
Scissor

**Material**

Aluminum Laminated Fiberglass

**Grade**

TTN

**Wall Thickness**

0,6mm

**Drawing Number**

TF001TT-WD

Put-Ups

Nominal Size	Part #	Wall Thickness ±0,15mm	Bulk Spool	Shop Spool	Available Colors	Kgs/100m
6,4mm	TTN0.25SV	0,6mm	106,7m	30,5m	Silver	3,80
9,5mm	TTN0.38SV	0,6mm	91,5m	30,5m	Silver	2,77
12,7mm	TTN0.50SV	0,6mm	76,2m	30,5m	Silver	3,79
15,9mm	TTN0.63SV	0,6mm	76,2m	30,5m	Silver	4,46
19,1mm	TTN0.75SV	0,6mm	76,2m	30,5m	Silver	5,13
22,2mm	TTN0.88SV	0,6mm	76,2m	30,5m	Silver	6,10
25,4mm	TTN1.00SV	0,6mm	76,2m	30,5m	Silver	6,70
31,8mm	TTN1.25SV	0,6mm	76,2m	30,5m	Silver	8,04
38,1mm	TTN1.50SV	0,6mm	76,2m	30,5m	Silver	9,23
44,5mm	TTN1.75SV	0,6mm	30,5m	15,2m	Silver	11,01
50,8mm	TTN2.00SV	0,6mm	30,5m	15,2m	Silver	12,95
63,5mm	TTN2.50SV	0,6mm	30,5m	15,2m	Silver	15,03
76,2mm	TTN3.00SV	0,6mm	30,5m	15,2m	Silver	28,28

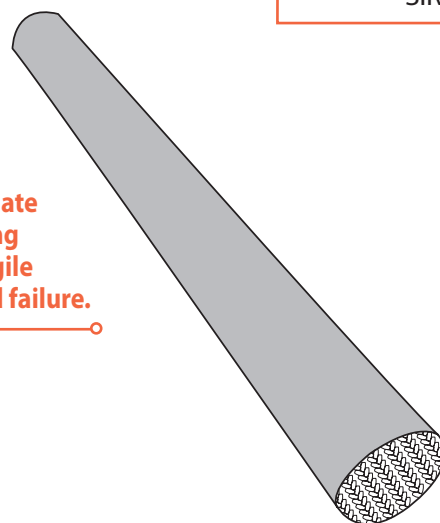
## Reflective Aluminized Surface Bonded to Insulating Fiberglass

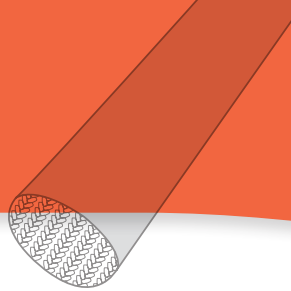
THERMASHIELD creates a buffer between your wires, hoses and cables and the high temperature environments they are required to perform in. ThermaShield is engineered by laminating an aluminum heat shield to a layer of strong fiberglass insulation. This system provides superior protection from radiant heat by reflecting it away from sensitive electronics, wiring and hoses.

THERMASHIELD TUBE (TTN) is designed to easily slip over wires or hoses. The seamless construction provides full coverage and protection, and the flexible sleeving cuts easily with scissors.

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.





**ABRASION** **FLAMMABILITY**

**Abrasion Resistance**  
Very High

Rating \_\_\_\_\_ Non Combustible  
Will not burn

**Abrasion Test Machine**  
Taber 5150

**Abrasion Test Wheel**  
Calibrase H-18

**Abrasion Test Load**  
500g

**Room Temperature**  
73°F/23°C

**Humidity**  
55%

**Foil Layer Worn Through**  
1 000 Test Cycle

**Fiberglass Layer Worn Through - Material Destroyed**  
1 200 Test Cycles

**Pre-Test Weight**  
10 925,0 mg

**Post-Test Weight**  
9 607,6 mg

**Test End Loss Of Mass Point Of Destruction**  
1 317,4 mg

**CHEMICAL RESISTANCE**

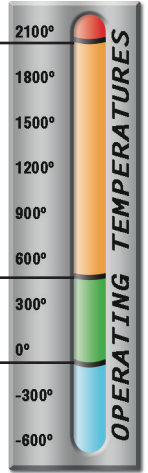
1=No Effect    4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

- 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/Ketones \_\_\_\_\_ 1
- UV Light \_\_\_\_\_ 1
- Petroleum \_\_\_\_\_ 1
- Fungus ASTM G-21 \_\_\_\_\_ 1
- Halogen Free \_\_\_\_\_ Yes
- RoHS \_\_\_\_\_ Yes

**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**

Flammability Rating \_ Non Combustible  
Recommended Cutting \_\_\_\_\_ Scissor  
Colors \_\_\_\_\_ 1  
Wall Thickness \_\_\_\_\_ 0,6mm