



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

Put-Ups

Nominal Size	Part #	Wall Thickness ±0,15mm	Bulk Spool	Shop Spool	Available Colors	Kgs/ 100m
25,4mm	TSN1.00SV	0,6mm	76,2m	30,5m	Silver (SV)	2,38
38,1mm	TSN1.50SV	0,6mm	76,2m	30,5m	Silver (SV)	2,98
50,8mm	TSN2.00SV	0,6mm	76,2m	30,5m	Silver (SV)	4,09
76,2mm	TSN3.00SV	0,6mm	76,2m	30,5m	Silver (SV)	6,40
101,6mm	TSN4.00SV	0,6mm	76,2m	30,5m	Silver (SV)	8,33
127,0mm	TSN5.00SV	0,6mm	61,0m	30,5m	Silver (SV)	11,31
152,4mm	TSN6.00SV	0,6mm	30,5m	15,2m	Silver (SV)	13,69
174,6mm	TSN6.88SV	0,6mm	30,5m	15,2m	Silver (SV)	16,22

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 FLAT (TSN) protects surfaces exposed to extreme heat with TSN. An aluminum laminated fiberglass sheet with a full coating of permanent, high temperature adhesive, applies directly to any clean surface. Ideal solution for protecting delicate electronic component boxes mounted close to engines or other heat sources. When applied, the aluminum laminate reflects heat away and the insulating fiberglass backing protects the fragile contents from thermal damage and failure.



**Cut Cleanly
Scissors**

Material

Aluminum Laminated Fiberglass

Grade

TSN

Wall Thickness

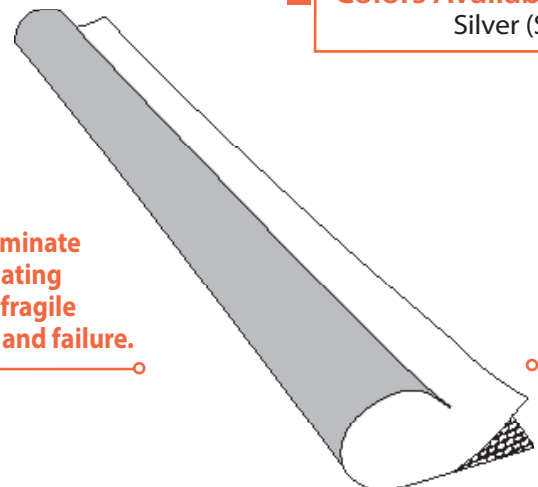
0,6mm

Drawing Number

TF001TS-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.



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HALOGEN
FREE

FAR-25





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
70°F/21°C

Humidity
57%

Foil Layer Worn Through
1 000 Test Cycle

Fiberglass Layer Worn Through - Material Destroyed
1 300 Test Cycles

Pre-Test Weight
10 804,3 mg

Post-Test Weight
9 918,5 mg

Test End Loss Of Mass Point Of Destruction
885,8 mg

CHEMICAL RESISTANCE

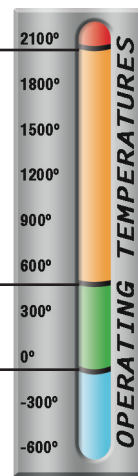
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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