



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



Material **Aluminum Laminated Fiberglass** 

Grade TCN

Wall Thickness .045"

Drawing Number TF001TT-WD



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Nominal Size	Part #	Wall Thickness ±0.006″	4' Pcs. Put-Ups				Available	Lbs/
			Bulk Box	Box 8x8	Box 6x6	Box 4x4	Colors	10Pcs.
3/8″	TCN0.38SV	0.045"	300	80	45	30	Silver	1.0
1/2″	TCN0.50SV	0.045″	250	70	40	25	Silver	1.2
5/8″	TCN0.63SV	0.045″	150	60	35	20	Silver	1.5
3/4″	TCN0.75SV	0.045″	125	50	30	15	Silver	1.8
7/8″	TCN0.88SV	0.045"	100	40	25	12	Silver	1.9
1″	TCN1.00SV	0.045″	88	30	20	9	Silver	2.1
1 1/4″	TCN1.25SV	0.045″	63	20	10	6	Silver	2.3

## **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 CONVOLUTED (TCN) is designed to easily slip over wires or hoses, and bend in any direction needed. The seamless construction provides full coverage and protection, and the flexible sleeving cuts easily with scissors.

When applied, the aluminum laminate reflects heat away and the insulating fiberglass backing protects the fragile contents from thermal damage and failure.



**Colors Available:** 

Silver (SV)







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Abrasion Resistance Very High	RatingNon Combustible	Melt Point   210°     ASTM D-2117   180°     2,048°F (1,120°C)   150°     Maximum Continuous   120°     Mil-I-23053   90°     491°F (255°C)   500°
Abrasion Test Machine Taber 5150		Minimum Continuous -76°F (-60°C)
Abrasion Test Wheel Calibrase H-18		-800°
Abrasion Test Load 500g	1=No Effect4=More Affected2=Little Effect5=Severely Affected3=Affected	O PHYSICAL PROPERTIES
	Aromatic Solvents 1   Aliphatic Solvents 1   Chlorinated Solvents 1   Weak Bases 1   Salts 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   Halogen Free Yes	

RoHS

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