



THERMASHIELD CONVOLUTED

- 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 ±0.006"	4' Pcs. Put-Ups				Available Colors	Lbs/10Pcs.
			Bulk Box	Box 8x8	Box 6x6	Box 4x4		
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
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

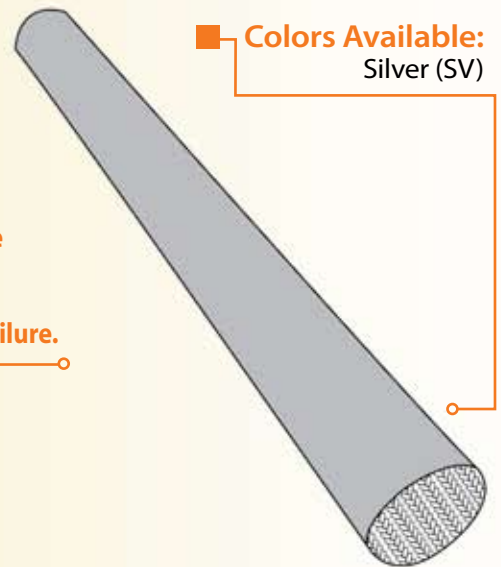


Cut Cleanly
 Scissor

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.



Material

Aluminum Laminated Fiberglass

Grade

TCN

Wall Thickness

.045"

Drawing Number

TF001TT-WD



www.techflex.com

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**HALOGEN
 FREE**





THERMASHIELD CONVOLUTED



**Abrasion Resistance
Very High**

**Abrasion Test Machine
Taber 5150**

**Abrasion Test Wheel
Calibrase H-18**

**Abrasion Test Load
500g**



Rating _____
____ Non Combustible / Will not Burn



**Chemical
Resistance**

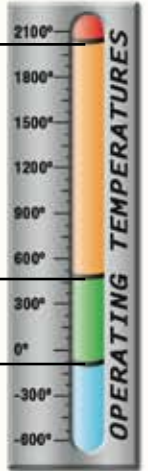
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

- 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 Combustible
- Recommended Cutting _____ Scissor
- Colors _____ 1
- Wall Thickness _____ .045

www.techflex.com