## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Techflex TCN0.50SV

For any questions, you can email us directly: <a href="mailto:sales@integrated-circuit.com">sales@integrated-circuit.com</a>





EXTREME TEMPERATURE Technical Data Sheet

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

				- Put	t-Ups		ı	
Nominal	Part	Wall	4' Pcs. Put-Ups				Available	Lbs/
Size	#	Thickness ±0.006"	Bulk Box	Box 8x8	Вох 6х6	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.

#### Material

**Aluminum Laminated Fiberglass** 

#### Grade

**TCN** 

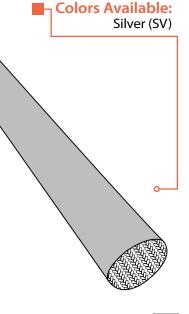
#### **Wall Thickness**

.045"

#### **Drawing Number**

TF001TT-WD

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







**EXTREME TEMPERATURE** Technical Data Sheet







# \*\*ABRASION \*\* FLAMMABILITY

**Abrasion Resistance** Very High

**Abrasion Test Machine Taber 5150** 

**Abrasion Test Wheel** Calibrase H-18

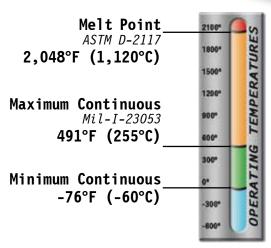
Abrasion Test Load 500a

Non Combustible Rating \_ Will not burn

### CHEMICAL RESISTANCE

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

Aromatic Solvents	1
Aliphatic Solvents	
Chlorinated Solvents	
Weak Bases	
Salts	
Strong Bases	
Salt Water <i>0-S-1926</i>	
Hydraulic Fluid MIL-H-5606	
Lube Oil <i>MIL-L-7808</i>	1
De-Icing Fluid MIL-A-8243	1
Strong Acids	2
Strong Oxidants	2
Esters/Ketones	1
UV Light	1
Petroleum	
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes



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Flammability Rating _Non Com	bustible
Recommended Cutting	_ Scissor
Colors	1
Wall Thickness	045

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Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.

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