

- Economical And Easy To Install
- Reflects Radiant Heat
- Insulates Delicate Wires & Components
- Resists Gasoline And Engine Chemicals

Nominal Size	Part #	Length	Bulk Pack	Shop Spool	Available Colors	Lbs/ 10 Pcs.
1 1/4"	CNS1.25SV	3"	10 Pcs.	100'	Silver (SV)	0.4



The Ultimate Heat Protection

The Techflex "Connector Shield" is the specially designed to protect your connectors from all types of heat. Engine and exhaust temperatures on today's motors can quickly exceed the design limits of plastic connector bodies.

Our state of the art shield slides easily over plugs or receptacles and can cut surface heat to a fraction of the unprotected temp. The semi rigid design allows the shield to maintain its shape maximizing its ability to insulate your connections.

The multi-layer composite system in our heat shield combats the effects of radiant heat with the aluminum skin and convective heat with thick insulation layers. If you have connections in the line of fire Techflex connector shields are for you.

Material

Aluminum Laminated Fiberglass

Grade

CNS

Wall Thickness

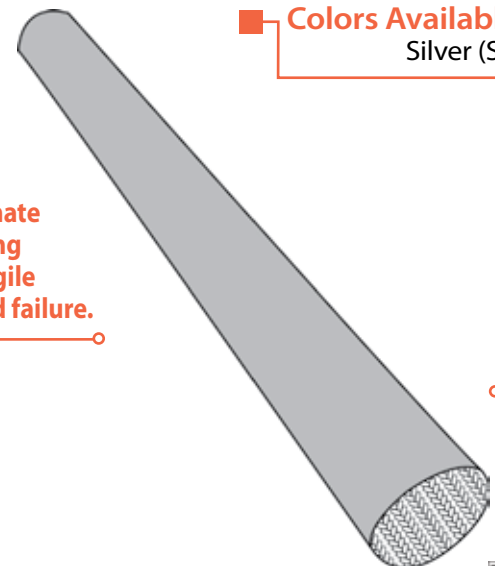
.025"

Drawing Number

TF001TT-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.



www.techflex.com

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**HALOGEN
FREE**



ABRASION  **FLAMMABILITY**

Abrasion Resistance
Very High

Rating _____ Non Combustible

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
73°F

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**

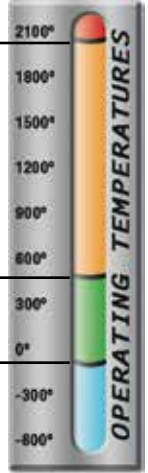
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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
Colors _____ 1
Wall Thickness _____ .025

