

THERMASHIELD® CONNECTOR SHIELD

PROTECTS YOUR CONNECTORS FROM ALL TYPES OF HEAT REFLECTS RADIANT HEAT · INSULATES DELICATE WIRES & COMPONENTS

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 temperatures. 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.

SIZING CHART

Nominal Size	Part #	Length	Wall Thickness	Bulk Pack	Available Colors	Lbs/ 10 Pcs.
1¼"	CNS1.25SV	3"	.025"	10 Pcs.	1	0.40



FEATURES

Material	Aluminum Laminated Fiberglas
Grade	CNS
Wall Thickness	.025"
Drawing Number	TF001CNS-WD
Cutting	Scissors

COLORS



Silver (SV)

CERTIFICATIONS



ABRASION

Abrasion Resistance	HIGH
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 Cycles
Material Destroyed - Fiberglass Layer Worn Through	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

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non Combustible
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.025"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	NA
Moisture Absorption % (ASTM D-570)	NA
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating	Non Combustible
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OPERATING TEMPERATURES

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

CHEMICAL RESISTANCE

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