THERMA SHIELD® TAPE

EXTREME TEMPERATURE
Technical Data Sheet

- Economical And Easy To Install
- Cuts Easily With Scissors
- Outstanding Heat Reflectivity
- Elongation 11%
- Operating Temp 500°F

Nominal Size	Part #	Wall Thickness	Bulk Spool	Available Colors	Lbs/ Roll
1″	TST1.00SV	.07″	108′	Silver SV	0.50
1 1/2″	TST1.50SV	.07″	108′	Silver SV	0.75
2″	TST2.00SV	.07″	108′	Silver SV	1.06
3″	TST3.00SV	.07″	108′	Silver SV	1.59
4″	TST4.00SV	.07″	108′	Silver SV	2.12
6″	TST6.00SV	.07″	108′	Silver SV	3.18

Cut Cleanly
Scissors

Thermashield Tape

A high temperature and EMI/RDI shielding tape that exhibits outstanding heat reflectivity and thermal stability at extremely high temperatures for shot periods of time.

The tape is constructed of 1 mil aluminum foil, laminated on 3 mil glass cloth with silicone adhesive. Backing retains physical properties even after thermal degradation of the silicone adhesive into an insulating layer of silica. It can be used as a radiant heat shield for the protection of electrical control wiring, power cables, and other heat-sensitive devices.

Colors Available:
Silver (SV)

Material
Aluminum Laminated Fiberglass

Grade
TST

Wall Thickness
.07"

TECHFLEX®
Braided Sleeving Products
www.techflex.com
800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

THERMA SHIELD® TAPE

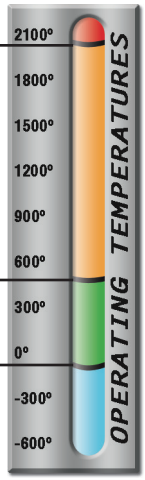
FLAMMABILITY

Flammability Rating ___ Non Flammable

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 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

PHYSICAL PROPERTIES

Flammability Rating	NonFlammable
Recommended Cutting	Scissor
Colors	1
Wall Thickness	.068"

www.techflex.com

© 2020 Techflex® - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex® is strictly forbidden.
Techflex® product names and logos are registered trademarks of Techflex®, unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex® makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex's® only obligations are those in standard terms of sale for these products and Techflex® will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.