

TC-TAG-2-AA Series

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's TC-TAG-2-AA series pads are thermally conductive pads designed to thermally connect electronic components to their heat sinks. The TC-TAG-2-AA series pads exhibit excellent thermal conductivity and have an adhesive on one side for adhering to a variety of substrates.

Product Features

- Adhesive layer
- Excellent thermal conductivity
- 0.21, 0.31, 0.46mm thicknesses available
- Excellent electrical properties
- Superior strength and hardness
- UL 94 V-0 flame rated

Typical Applications

- Vehicle inverters/converters
- Power Transistors
- Power Modules
- LED Modules

Typical Properties

Type	High Hardness Thermal Pads
UL Listing	Y
Low Molecular Weight Siloxane Stripped?	Y
Density @ 23C (g/cm ³)	1.90
Shore A Hardness	90
Tensile Strength (MPa)	26.00
Dielectric Strength (kV/mm)	32.0
Thermal Conductivity (W/m·K)	1.80
Thermal Resistance (mm ² ·K/W)	230
Usable Temp. Range (C)	-40 to +180
Thickness (mm)	0.21
Sheet Size (mm)	300 x 1000 or 300 x 50m

Note: Values are not for specification purposes.

Physical properties are typical for the thickness given. Other thicknesses may have slightly varying properties and are available upon request.

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