

Perfect Insulations

AN ISO 9001:2015 COMPANY

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TC-TAG-2 Series

Product Description

Perfect's TC-TAG-2 series pads are thermally conductive pads designed to thermally connect electronic components to their heat sinks. The TC-TAG-2 series pads exhibit excellent thermal conductivity and fiberglass reinforcement for superior strength and hardness.

Product Features

- Excellent thermal conductivity
- 0.20, 0.30, 0.45, and 0.80mm 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
Color	Purple
Density @ 23C (g/cm ³)	1.86
Shore A Hardness	91
Volume Resistivity (TΩ·m)	3.5
Dielectric Strength (kV/mm)	40.0
Thermal Conductivity (W/m·K)	1.80
Thermal Resistance (mm ² ·K/W)	250
Usable Temp. Range (C)	-40 to +180
Thickness (mm)	0.30
Reinforced Layer	Fiberglass
Sheet Size (mm)	300 x 1000

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.