

Thermal Adhesive Series

A general rule for thermal adhesive is that it either has good adhesion properties or conducts heat well. The EC360® TAPE series has its focus on adhesion. Excellent adhesion properties make it the perfect choice for particularly difficult applications, like gluing thermal pads and even heavy heatsinks. Anything can be attached in a safe and durable way. Handling is

particularly safe, as the pads are electrically isolating. At the same time, at 1.2 W/mK it has the best possible thermal conductivity. The thermal adhesive is double-sided and both sides covered with a protective layer that can be removed upon installation. It can be easily cut using a scissor, which allows trimming it to the perfect size for any surface.

Types and Configurations

Thickness*	Available sizes*
0.15 mm / 0.006 "	50x50 mm, 100x100 mm, 200x200 mm

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	white	Visual
Thermal Conductivity	W/mK	1.2	ASTM D5470
Adhesion	g/25mm	48000	ASTM D 1000
Peel Adhesion Strength	N/25mm	> 14	PSTC-101
Breakdown Voltage	kV/mm	3.0	ASTM D 149
Usable Temperatures	°C	-40 - 120	EN 344

Installation Recommendation

- Clean surfaces from dirt and other possible residue. If applicable, isopropyl 90% alcohol is recommended to ensure a clean surface.
- Remove one of the protective layers and place the exposed side of the thermal adhesive facing the surface of the chip. Once positioned gently press on it to make it stick.
- Remove the second protective layer and install the heatsink.
- Wait for 1 hour for the adhesive to activate.