

EC360 TAPE STRONG

Thermal Adhesive Series

A general rule for thermal adhesive is that it either has good adhesion properties or conducts heat well. The EC360® TAPE STRONG series has its focus on adhesion. Excellent adhesion properties make it the perfect choice for particularly difficult applications, like glueing 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.



Disclaimer Properties of the products may be revised due to changes in the manufacturing process. The property values in this document are not guaranteed. This product is made of silicone, this means silicone oil may exude from the product and low molecular siloxane may vaporize depending on operating conditions. This product is designed and manufactured for general industrial use only. Never use this product for medical, surgical purposes and/or other purposes. Never use this product for the purpose of implantation and/or other purposes by which a part of the product remains in the human body. Before using safety must be evaluated and verified by the purchaser. Contents described in the document do not guarantee performances and qualities required for the purchaser's specific purposes. Statements concerning possible or suggested uses made herein may not be relied upon.

© 2020, Jaden Technologies GmbH, Augustastr. 14, D-47198 Duisburg