

# EC360 ADHESIVE WHITE

## Thermal Adhesive Series

With an excellent thermal conductivity of 3W/mK the EC360® ADHESIVE WHITE series are the perfect adhesive for thermal pads. Despite a very high thermal conductivity these pads have a good adhesion. The primary use is as an adhesive for

thermal pads or also for attaching cooling components like heatsinks to RAM, Northbridge and other electrical components. The thermal adhesive is double sided.

## 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](mailto:sales@extremecool360.com)

## Technical Properties

Properties	Unit	Value	Test method
Color	-	white	Visual
Thermal Conductivity	W/mK	3.0	ASTM D5470
Thermal Resistance	°C-in <sup>2</sup> /W	0.39	ASTM D5470
Hardness	Shore OO	33	ASTM D 2240
Steel Adhesion	g/25mm	1000	ASTM D 1000
Elongation	hours	>48	ASTM D 1000
Volume Impedance	Ohm-cm	1.0 x10 <sup>14</sup>	ASTM D 257
Breakdown Voltage	kV/mm	4.0	ASTM D 149
Usable Temperatures	°C	-50 - 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 1-2 hours for the adhesive to stick.