

# EC360 CARBON

## Thermal Paste Series

Developed as an all-round thermal paste with the best possible price-performance ratio, the thermal pastes of the EC360@ CARBON series are the ideal thermal compound for gaming PCs and industrial cooling systems. They offer ultimate stability and a high thermal conductivity of 5.15 W/mK.

A good consistency makes it easy to apply and spread. At the same time, safe application is ensured as the thermal paste is not electrically conductive. A low bleeding constant and good evaporation properties make it durable and ensure that it does not dry out.

## Types and Configurations

\* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: [sales@extremecool360.com](mailto:sales@extremecool360.com)

Type*	Available sizes*
Tube	4 g, 20 g

## Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	5.15	ASTM D5470
Thermal Resistance	°C-in <sup>2</sup> /W	0.04	ASTM D5470
Specific Gravity	g / cm <sup>3</sup>	2.5	ASTM D 792
Evaporation(150°C/24h)	%	0.001	FED STD 791
Bleed(150°C/24h)	%	0.05	FED STD 791
Viscosity	cP	12500	-
Dielectric Constant	1Mhz	5.1	ASTM D 150
Usable Temperatures	°C	-60 - 200	EN 344
Flame Rating	-	VO	UL 94

## Installation Recommendation

- Clean surfaces from dirt and other possible residue. If applicable, isopropyl 90% alcohol is recommended to ensure a clean surface.
- Apply the product, for example by applying a drop in the center of the chip.
- Install the heatsink. Ideally the drop should have spread now, covering the entire chip in a thin layer of thermal paste without any air bubbles.
- If the result is not satisfactory apply again in a different quantity until the desired result has been achieved.

**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 or similar 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 here 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.

