

EC360 GLUE

Thermal Glue Series

A mixture of organic silicone grease and filler give the EC360® GLUE series a high thermal conductivity combined with excellent adhesion qualities. This combination makes it the perfect liquid glue for many applications. The primary use case is attaching heatsinks to RAM, Northbridge and other electrical

components. Its comparatively strong adhesion properties also make it a candidate for attaching heavier heatsinks permanently. When hardened the glue has a silicone like structure which allows a good durability also on flexible surfaces and makes it electrically insulating.

Material Composition

Type	Percentage
Thermal Conductive Materials	40%
Silicone	35%
Fillers	25%

Types and Configurations

Type*	Available sizes*
Tube	10 g, 30 g

* 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	2.0	ASTM D5470
Thermal Resistance	°C-in ² /W	0.246	ASTM D5470
Evaporation	%	0.001	-
Bond Strength	MPa	1.8	-
Surface Drying Time(25°C)	minutes	6.0	-
Dielectric Constant	1Mhz	5.0	ASTM D 150
Usable Temperatures	°C	-60 - 250	EN 344

Installation Recommendation

- Clean surfaces from dirt and other possible residue. If applicable, isopropyl 90% alcohol is recommended to ensure a clean surface.
- Apply a sufficient amount of glue and spread it evenly on the heatsink. The amount should be as thin as surface conditions permit.
- Position the heatsink and gently press it gently onto the surface of the chip. Wait for 30 minutes, the waiting time may vary depending on the thickness of the glue and the room temperature. Now the glue should have hardened.



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.

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