PRODUCT DATA SHEET
METALLIQ SERIES

HIGH-PERFORMANCE LIQUID METAL COMPOUND

The METALLIQ series from Thermal Hero offers a state-of-the-art liquid metal compound made from gallium, indium and tin, which is extreme temperatures. This innovative combination achieves a perfect composition that makes it possible to minimize to fill the smallest gaps and unevenness of the surface by minimizing of the surface. This ensures fast and efficient efficient heat dissipation at high temperatures.
For users who demand the best cooling performance, the METALLIQ series is the ideal choice.

PROFILE

METALLIQ for EXTREME APPLICATIONS
USER CATEGORY: Extreme overclockers, high performance gamers, professional content creators, HPC researchers and developers, industrial engineers.
TYPE OF APPLICATION: Use in a high-performance server cluster or for scientific computing where maximum heat dissipation is required.
TYPICAL APPLICATIONS: Extreme overclocking applications, high-performance computing (HPC), industrial applications, gaming consoles, laptops.
APPLICATION CLASS: High performance applications for advanced users.

METALLIQ is a liquid metal compound with extremely high thermal conductivity and offers long-term stability even under extreme CPU and ambient temperatures. Even when the processor is under high workloads, METALLIQ ensures reliable cooling performance.



PROPERTIES

- EXTREMELY HIGH THERMAL CONDUCTIVITY
- VERY LOW THERMAL RESISTANCE
- LIQUID METAL BEST COOLING PERFORMANCE
- LONG-TERM STABILITY
- ELECTRICALLY CONDUCTIVE

THERMAL HERO is a registered trademark.

Technical Datas

Unit	Value/description
SIZES	1g | 2g | 5g
DENSITY	6,4g/cm³
OPERATING TEMPERATURE*	-50 ~ 200 °C
MELTING TEMPERATURE**	10 °C
APPLICATION TEMPERATURE ***	10 ~ 120 °C
ELECTRICALLY CONDUCTIVE	yes
COLOR	silver

*Recommended operating temperature range.**Temperature at which the compound changes from a solid to a liquid state.
***Recommended temperature range for optimal liquid metal application

Logistical data

SKU	EAN/UPC (GTIN)	weight net*	/gross**
TH-108001	4262483761083	1g (net)	27g (gross)
TH-108002	4262483761090	2g (net)	28g (gross)
TH-108005	4262483761106	5g (net)	31g (gross)

*NET WEIGHT: Item weight minus packaging and accessories.
**GROSS WEIGHT: Item weight incl. packaging and accessories.

CAUTION during APPLICATION!

Take care when applying, as the gallium-indium-tin compound is electrically conductive! Avoid contact of METALLIQ with electrical components at all !
Do not use METALLIQ on aluminum, aluminum/copper (DHT) or brass cooling plates, as it reacts chemically with these materials and can corrode them.

Product data

Packaging dims.	22x12x3cm (Einheit)		
PU dimensions	35x25x5cm		
	1g	2g	5g
Units per PU	24pcs	20pcs	15pcs
PU Weight	796g	612g	525g

The information and technical specifications contained in these data sheets are based on tests under specified conditions and on our expertise and that of our partners. These specifications are snapshots and may vary depending on the conditions of use. As numerous factors can influence the performance of our products, the user is responsible for checking the suitability of the products for his specific requirements himself or having them checked by external third parties.
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