# 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



PRODUCED IN GERMANY

## 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 |



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