

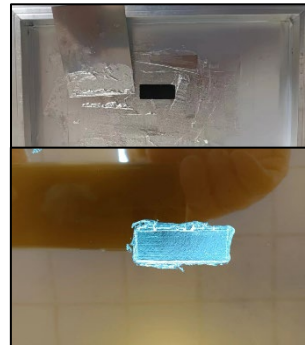
Liquid Metal Paste

Introduction:

CRISS liquid metal paste adopts 5-element alloy technology is a 100% metal-based, viscous thermal paste with high thermal conductivity and very good adhesion. It has a wide range of working temperature, no solidification in above zero temperature environment, no flowing, no volatilization and no drying out, excellent thermal shock resistance and aging resistance, good wettability can ensure sufficient interface filling and low thermal resistance.

Advantage:

- Delicate appearance, good wettability
- Aluminum corrosion resistance
- High consistency and stability



Typical Applications:

- WIFI8
- Automotive Electronics
- Consumer Electronics
- CPU, GPU, IGBT modules
- Chipset high-power LED components
- Aerospace

Parameters Table:

Properties	Test procedure	Unit	CRISS-LMP
Base material	/	/	Gallium
Thermal conductivity	ASTM D5470	W/m · k	30
Density	ASTM D792	g/cm3	6.1
Working temperature	MIL-G-83528	°C	0~200
Volatility	ASTM E595	%	<0.001%
Viscosity	ASTM D445	Pa.s	50

CRISS LMP TDS

Your Clear Choose

Health and Safety

- Apply the product evenly to the CPU, GPU, etc. by stencil printing and scraping;
- Stick foam or silicone gaskets around the product to prevent leakage;
- Before using in bulk, please do an OTS trial to master the product's usage skills to avoid errors;

ROHS & REACH

Complies with ROHS and REACH requirements.

Storage Instructions

- Unused products should be stored in well sealed packaging to prevent moisture from entering and affecting product quality;
- Storage humidity: **RH < 70%**;
- Storage time: 24 Months;
- Storage temperature: **5 °C < T < 30 °C**