

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	128.0 W/m-K
Color	Visual	Silver
Density	ASTM D1475	6.25 g/cm ³
Viscosity	Brookfield	0.0025 Pa-s
Electrically Conductive	ASTM D257	Yes (see warning)
Operating Temperature	N/A	-50 to +250 °C
Aluminium Compatible	N/A	No (see warning)
Curing Required	N/A	No
Compliance	N/A	RoHS

SCOPE OF DELIVERY

- 1× Resealable retail packaging
- 1× Liquid Fusion Supreme syringe, 1 g
- 1× Metal needle for controlled application
- 1× FUSION PROTECTOR insulation tape pack (50× sheets)
- 2× Isopropyl alcohol cleaning wipes, large format, 99.9% purity
- 2× Cotton swab applicators
- 1× Application spatula

PRODUCT DESCRIPTION

Liquid Fusion Supreme is Amawi Technologies' liquid metal thermal compound, engineered for enthusiasts and professionals who demand the absolute maximum in thermal performance. Delivering 128.0 W/m-K conductivity, it vastly outperforms any conventional paste. The ultra-low viscosity gallium-based alloy flows into every microscopic surface imperfection, eliminating thermal resistance at the die-to-spreader or die-to-heatsink interface. Designed for delidded CPUs, extreme overclocking, and high TDP systems. Includes FUSION PROTECTOR tape to insulate surrounding components before application.

KEY FEATURES

- Unmatched 128.0 W/m-K thermal conductivity, up to 10× higher than premium thermal paste
- Ultra-low viscosity (0.0025 Pa-s) flows into microscopic surface imperfections for near-perfect thermal contact
- High density of 6.25 g/cm³ for excellent mechanical stability once applied
- No curing time required; full performance from the first application
- Ideal for extreme overclocking, delidding, and high TDP processors where maximum heat dissipation is critical
- Includes FUSION PROTECTOR insulation tape to safeguard surrounding components during application

TYPICAL APPLICATIONS

Extreme Overclocking	CPU Delidding	High TDP Processors
Laptop Die-to-Spreader	PlayStation 4 / 5	Custom Water Cooling
Server HPC Systems	Research / Lab Use	Pro Benchmarking

PLEASE NOTE

WARNING: ELECTRICALLY CONDUCTIVE

This product conducts electricity. Keep away from exposed electrical contacts, PCB traces, capacitors, and all powered components. Do NOT use on aluminium heat sinks or spreaders; galvanic corrosion will occur. Application by experienced users only. Read the full product instructions before use.

The specifications in this data sheet are based on our current knowledge and experience. They should not be construed as a legally binding assurance of specific properties or suitability for any particular application. Amawi Technologies reserves the right to modify specifications without prior notice.

ARTICLE / ORDERING INFORMATION

ARTICLE NO.	CONTENT	PACKAGE DIMENSIONS	AVAILABLE AT
AT-LFS-001-R	1 g	20 × 10 × 1.5 cm	amawitech.com