

## TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	15.0 W/m-K
Color	Visual	Pink
Density	ASTM D1475	3.1 g/cm <sup>3</sup>
Viscosity	Brookfield	100 Pa-s
Electrically Conductive	ASTM D257	No
Operating Temperature	N/A	-50 to +250 °C
Corrosive	N/A	No
Curing Required	N/A	No
Compliance	N/A	RoHS · Non-Conductive

## SCOPE OF DELIVERY

- 1× Resealable retail packaging
- 1× Fusion Supreme thermal paste syringe (2 g or 4 g, per selected variant)
- 2× Isopropyl alcohol cleaning wipes, large format 12 × 15 cm, 99.9% purity
- 1× Application spatula

## PRODUCT DESCRIPTION

Fusion Supreme is the flagship thermal paste from Amawi Technologies, engineered for enthusiasts and professionals who require maximum cooling performance. The high-density compound delivers 15.0 W/m-K conductivity with a smooth, spreadable consistency that fills microscopic surface imperfections on any die or heatsink contact surface. Compatible with all common heatsink types, heat spreaders, and die sizes. No break-in period required. No electrical shorts risk.

## KEY FEATURES

- Top-tier 15.0 W/m-K thermal conductivity for demanding CPU and GPU workloads
- Electrically non-conductive; safe for direct contact with exposed components and PCB traces
- High viscosity of 100 Pa-s resists pump-out and dry-out over years of continuous use
- No curing time required; full performance is delivered from the first application
- Non-corrosive and non-toxic; compatible with copper, aluminium, and nickel-plated surfaces
- Wide operating range from -50°C to +250°C covers portable devices to industrial systems

## TYPICAL APPLICATIONS

Desktop CPU	Desktop GPU	Laptop Repaste
PlayStation 4 / 5	Xbox One / Series	Extreme Overclocking
Server / Workstation	Embedded Systems	Industrial Electronics

## PLEASE NOTE

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. Slight deviations from stated values are possible due to production tolerances. Amawi Technologies reserves the right to modify specifications without prior notice. It is the responsibility of the user to ensure compliance with applicable laws and regulations.

## ARTICLE / ORDERING INFORMATION

ARTICLE NO.	CONTENT	PACKAGE DIMENSIONS	AVAILABLE AT
AT-FS-002-R	2 g	20 × 10 × 1.5 cm	amawitech.com
AT-FS-004-R	4 g	20 × 10 × 1.5 cm	amawitech.com

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