

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	8.5 W/m-K
Color	Visual	Blue
Density	ASTM D1475	2.6 g/cm³
Viscosity	Brookfield	85 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× Frostbite Extreme thermal paste syringe (4 g, 8 g, 16 g, or 30 g per selected variant)
- 3× Pre-moistened isopropyl alcohol cleaning wipes
- 3× Dry lint-free wipes
- 1× Application spatula

PRODUCT DESCRIPTION

Frostbite Extreme is an enhanced-performance thermal paste from Amawi Technologies, engineered for demanding gaming PCs, workstations, and performance systems where reliable heat dissipation is critical. Delivering 8.5 W/m-K conductivity in a smooth blue compound, it fills microscopic surface imperfections for consistent thermal contact. Available in four sizes from 4 g to 30 g, it covers everything from a single repaste to multi-system deployments. No break-in period required. No electrical shorts risk.

KEY FEATURES

- 8.5 W/m-K thermal conductivity for demanding gaming PCs, workstations, and performance systems
- Electrically non-conductive; safe for direct contact with exposed components and PCB traces
- Viscosity of 85 Pa-s resists pump-out and dry-out over extended 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
- Available in multiple quantities (4 g – 30 g) for single use through lab and bulk application

TYPICAL APPLICATIONS

Desktop CPU	Desktop GPU	Laptop Repaste
PlayStation 4 / 5	Xbox One / Series	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-FE-004-R	4 g	20 × 10 × 1.5 cm	amawitech.com
AT-FE-008-R	8 g	20 × 10 × 1.5 cm	amawitech.com
AT-FE-016-R	16 g	20 × 10 × 1.5 cm	amawitech.com
AT-FE-030-R	30 g	20 × 10 × 3 cm	amawitech.com

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