

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	6.0 W/m-K
Color	Visual	Blue
Density	ASTM D1475	4.2 g/cm ³
Hardness	ASTM D2240	Shore 00-10
Electrically Conductive	ASTM D257	No
Operating Temperature	N/A	-50 to +200 °C
Reusable	N/A	Yes
Curing Required	N/A	No
Compliance	N/A	RoHS · Non-Conductive

SCOPE OF DELIVERY

- 1x FROSTBITE Thermal Putty syringe (35 g or 100 g per selected variant)
- 1x Dispensing plunger

PRODUCT DESCRIPTION

Frostbite Thermal Putty from Amawi Technologies delivers solid 6.0 W/m-K conductivity in a uniquely moldable, reusable format. The ultra-soft Shore 00-10 blue compound can be shaped by hand to conform to any surface geometry, ideal for memory modules, VRM components, irregular heatsink bases, or any gap-filling scenario where paste or pads cannot achieve full contact. Unlike thermal paste, it can be cleanly removed and reapplied multiple times without losing effectiveness. No curing period. Available in 35 g and 100 g.

KEY FEATURES

- Reliable 6.0 W/m-K thermal conductivity in a moldable, reusable format for flexible thermal management
- Shore 00-10 ultra-soft consistency conforms to any surface geometry: irregular, raised, or recessed
- Can be removed and reapplied multiple times without degradation in performance
- Electrically non-conductive; safe for direct contact with exposed components and PCB traces
- No curing time required; full performance is delivered from the first application
- Available in 35 g and 100 g quantities for single builds through multi-system deployments

TYPICAL APPLICATIONS

Memory Modules	VRM / MOSFETs	Heatsink Gap Fill
Custom Cooling	Irregular Surfaces	LED Cooling
Embedded Systems	General Electronics	Bulk Builds

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-FBTP-035-R	35 g	20 × 10 × 3 cm	amawitech.com
AT-FBTP-100-R	100 g	20 × 10 × 3 cm	amawitech.com

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