

TECHNICAL SPECIFICATIONS

| | | |
|-------------------------|------------|-----------------------|
| Thermal Conductivity | ASTM D5470 | 8.0 W/m·K |
| Color | Visual | Pink |
| Density | ASTM D1475 | 4.5 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 FUSION Thermal Putty syringe (35 g or 100 g per selected variant)
- 1x Dispensing plunger

PRODUCT DESCRIPTION

Fusion Thermal Putty from Amawi Technologies delivers 8.0 W/m·K conductivity in a uniquely moldable, reusable format. The ultra-soft Shore 00-10 pink 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

- 8.0 W/m·K thermal conductivity in a moldable, reusable format for maximum application flexibility
- 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 | Power Electronics | System Builders |

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

Amawi Technologies® is a registered trademark. All product names, brand names, and designations mentioned herein are trademarks or registered trademarks of Amawi Technologies.