

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	6.0 W/m·K
Color	Visual	Blue
Density	ASTM D1475	2.6 g/cm ³
Hardness	ASTM D2240	Shore 00-55
Dielectric Strength	ASTM D149	6.0 kV/mm
Electrically Conductive	N/A	No
Operating Temperature	N/A	-50 to +240 °C
Flame Retardant	UL 94	V-0
Compliance	N/A	RoHS · REACH

SCOPE OF DELIVERY

RETAIL (WITH ACCESSORIES)

- 1× FROSTBITE thermal pad
- 1× Foam holder for pad and accessory protection
- 3× Pre-moistened isopropyl alcohol cleaning wipes
- 3× Dry lint-free wipes
- 2× Cotton swab applicators
- 1× Application spatula
- 1× Resealable retail packaging

PAD ONLY

- FROSTBITE thermal pads (quantity per selected variant)
- 1× Eco-friendly paper package with protective support

PRODUCT DESCRIPTION

Frostbite Pad is Amawi Technologies' entry-level thermal pad, delivering reliable 6.0 W/m·K conductivity for everyday PC, console, and laptop cooling. The soft Shore 00-55 blue compound conforms to irregular surfaces for consistent thermal contact. Available in a large 100×100 mm retail sheet, 120×20 mm strip packs, and 70×20 mm mixed-thickness multipacks. The retail variant includes a complete cleaning and application kit; pad-only variants come in eco-friendly paper packaging.

KEY FEATURES

- Reliable 6.0 W/m·K conductivity for everyday PC, console, and laptop thermal management
- Shore 00-55 softness adapts to uneven surfaces for consistent contact without component stress
- 6.0 kV/mm dielectric strength provides safe electrical isolation across all application points
- UL 94 V-0 flame retardant; anti-static, non-corrosive, and long-term stable
- Multiple formats: large 100×100 mm sheet, 120×20 mm strips, and 70×20 mm mixed multipacks
- Retail variant includes full accessory kit; pad-only variant in eco-friendly paper packaging

TYPICAL APPLICATIONS

Desktop CPU	GPU VRAM Cooling	M.2 SSD Drives
Console Cooling	Laptop Repaste	VRM / MOSFETs
Embedded Systems	General Electronics	Bulk Repaste

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.	QTY	TYPE	PACKAGE SIZE	AVAILABLE AT
AT-FB-100-100-05-R · 10-R	1 pc	Retail	20×10×0.5 cm	amawitech.com
AT-FB-120-20-05-4P · 10-4P · 15-4P	4 pcs	Pad Only	17×8×0.5 cm	amawitech.com
AT-FB-70-20-MIX-6P	6 pcs	Pad Only	17×8×0.5 cm	amawitech.com
AT-FB-70-20-MIX-9P	9 pcs	Pad Only	17×8×0.5 cm	amawitech.com