

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	8.0 W/m-K
Color	Visual	Gray
Density	ASTM D1475	2.8 g/cm ³
Hardness	ASTM D2240	Shore 00-60
Dielectric Strength	ASTM D149	7.0 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

- FROSTBITE EXTREME thermal pads (4 pcs for 120×20 mm; 6 pcs for 70×20 mm Mix)
- 1× Eco-friendly paper package with protective support

PRODUCT DESCRIPTION

Frostbite Extreme Pad delivers 8.0 W/m-K thermal conductivity in a compressible gray compound designed for demanding gaming PCs, workstations, and performance systems. The Shore 00-60 softness ensures optimal contact across irregular GPU, VRM, and SSD surfaces without mechanical stress. Available in 120×20 mm strip packs (4 pcs, three thickness options) and a convenient 70×20 mm mixed-thickness multipack (6 pcs). All supplied in eco-friendly paper packaging.

KEY FEATURES

- 8.0 W/m-K thermal conductivity for demanding gaming PCs, workstations, and performance electronics
- Shore 00-60 softness for reliable surface conformance without mechanical stress on components
- 7.0 kV/mm dielectric strength ensures safe electrical isolation of sensitive electronics
- UL 94 V-0 flame retardant; anti-static, non-corrosive, long-term stable
- 120×20 mm strip format in three thickness options; 70×20 mm multipack with mixed thicknesses
- Eco-friendly paper packaging with protective support film on both faces

TYPICAL APPLICATIONS

GPU VRAM Cooling	VRM / MOSFETs	M.2 SSD Drives
CPU Heat Spreader	Laptop Repaste	Console Cooling
Server Components	Embedded Systems	General 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.	QTY	TYPE	PACKAGE SIZE	AVAILABLE AT
AT-FBE-120-20-05-4P	4 pcs	Pad Only	17×8×0.5 cm	amawitech.com
AT-FBE-120-20-10-4P · 15-4P	4 pcs	Pad Only	17×8×0.5 cm	amawitech.com
AT-FBE-70-20-MIX-6P	6 pcs	Pad Only	17×8×0.5 cm	amawitech.com

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