

TECHNICAL SPECIFICATIONS

Thermal Conductivity	ASTM D5470	15.0 W/m·K
Color	Visual	Pink
Density	ASTM D1475	3.2 g/cm ³
Hardness	ASTM D2240	Shore 00-60
Dielectric Strength	ASTM D149	9.8 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)

- 1x FUSION SUPREME thermal pad
- 1x Foam holder for pad and accessory protection
- 2x Isopropyl alcohol cleaning wipes, large format, 99.9% purity
- 2x Cotton swab applicators
- 1x Application spatula
- 1x Resealable retail packaging

PAD ONLY

- 1x FUSION SUPREME thermal pad
- 1x Eco-friendly paper package with protective support

PRODUCT DESCRIPTION

Fusion Supreme Pad is the flagship thermal pad from Amawi Technologies, engineered for enthusiasts who demand maximum heat transfer across gaps between components and heatsinks. Delivering 15.0 W/m·K conductivity and a Shore 00-60 softness, it conforms perfectly to irregular surfaces without applying mechanical stress. Available in 80×40 mm single pads (0.5–2.5 mm) and 120×20 mm strips (0.5–1.5 mm), it covers CPU, GPU, VRM, M.2, and any gap-filling scenario. The retail variant includes a complete cleaning and application kit.

KEY FEATURES

- Top-tier 15.0 W/m·K conductivity for high-end CPUs, GPUs, and demanding electronic components
- Shore 00-60 softness conforms to uneven surfaces and compensates microscopic gaps without mechanical stress
- 9.8 kV/mm dielectric strength ensures reliable electrical isolation of sensitive components
- UL 94 V-0 flame retardant; anti-static and non-corrosive
- Available in thicknesses from 0.5 mm to 2.5 mm and two formats: 80×40 mm and 120×20 mm strip
- Retail variant includes full accessory kit; pad-only variant in eco-friendly paper packaging

TYPICAL APPLICATIONS

CPU Heat Spreader	GPU VRAM Cooling	VRM / MOSFETs
M.2 SSD Drives	Laptop Repaste	Console Cooling
Custom Water Loop	Server Components	Embedded Systems

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-FS-80-40-05-R	1 pc	Retail	20×10×0.5 cm	amawitech.com
AT-FS-80-40-10-R · 15-R · 20-R · 25-R	1 pc	Retail	20×10×0.5 cm	amawitech.com
AT-FS-80-40-05-P · 10-P · 15-P · 20-P · 25-P	1 pc	Pad Only	17×8×0.5 cm	amawitech.com
AT-FS-80-40-10-2R	2 pcs	Retail	20×10×0.5 cm	amawitech.com
AT-FS-120-20-05-2P · 10-2P · 15-2P	2 pcs	Pad Only	17×8×0.5 cm	amawitech.com