

## PRODUCT DATA SHEET

### QUANTUM SERIES

High-performance thermal paste

Thermal Hero Quantum is the perfect solution for professional users and high-end gaming. This high-performance thermal paste offers excellent heat-dissipating properties with minimal thermal resistance and high thermal conductivity. It is ideal for the latest processor generations that work under high work loads. Quantum ensures a stable cooling performance so that your computer delivers maximum computing power performance and protect your investment in the long term. Get the best out of your system!

The paste is best applied and distributed evenly at a room temperature of approx. 20-22 °C either by applying pressure to the cooler or evenly on the CPU or GPU using the enclosed spatula. QUANTUM shows its full cooling performance with increased contact pressure.



THERMAL HERO is a registered trademark.

#### PROFILE

**QUANTUM for HIGH-PERFORMANCE APPLICATIONS**

**USER CATEGORY:** Professional gamers, content developers, IT specialists.

**TYPE OF APPLICATION:** Cooling of overclocked processors in high-end gaming PCs or for professional video editing.

**TYPICAL APPLICATIONS:** High-end gaming rigs, high-performance workstations, professional servers, laptops, game consoles, extreme overclocking.

**APPLICATION CLASS:** High-performance applications for advanced users.

#### PROPERTIES

- EXTREMELY HIGH THERMAL CONDUCTIVITY
- VERY LOW THERMAL RESISTANCE
- BEST COOLING PERFORMANCE
- LONG-TERM STABILITY
- EASY APPLICATION
- NOT ELECTRICALLY CONDUCTIVE

#### Technical Datas

Unit	Value/description
SIZES	1g   2g   4g   10g   25g   50g
DENSITY	3,5g/cm <sup>3</sup>
OPERATING TEMPERATURE*	-50 ~ 300 °C
APPLICATION TEMP.**	20 ~ 50 °C
VISCOSITY	230 PAS
ELECTRICALLY CONDUCTIVE	no
STORAGE CONDITIONS	dry

\*Recommended operating temperature range.

\*\*Recommended temperature range for optimal paste application.

#### Logistical data

SKU	EAN/UPC (GTIN)	Weight /net gross**
TH-501701	4262483761014	1g (net) 28g (gross)
TH-501702	4262483761021	2g (net) 31g (gross)
TH-501704	4262483761038	4g (net) 38g (gross)
TH-501710	4262483761045	10g (net) 49g (gross)
TH-501725	4262483761052	25g (net) 71g (gross)
TH-501750G	4262483761069	50g (net) 272g (gross)

\*NET WEIGHT: Item weight minus packaging and accessories.

\*\*GROSS WEIGHT: Item weight incl. packaging and accessories.

#### Product data

Packaging dims.	22x12x3cm (units)				
PU dimensions	35x25x5cm				
	1g/2g	4g	10g	25g	50g
Units per PU	24pcs	20pcs	15pcs	10pcs	5pcs
PU Weight	756g	842g	846g	852g	1.410g

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