Carbonaut



High Performance Cooling Solutions

The high-tech carbon thermal pads from the Thermal Grizzly Carbonaut series are an excellent alternative to thermal pastes from the medium performance segment. They have the exclusive advantage of being reusable and have a very elastic and adaptable surface with very high thermal conductivity. Even the smallest component differences can therefore be compensated for very well.

The Thermal Grizzly Carbonaut Pad is a thermal pad made of carbon fiber. Its specially developed polymer gives the thermal pad its flexibility and its "soft gap filler" properties. The carbon fiber structure ensures outstanding thermal conductivity. Thermal Grizzly Carbonaut is easily reusable. In addition, Carbonaut has a very high thermal conductivity, which it can develop even at very low contact pressure and remains constant in its heat transfer performance.

The extreme long-term stability of Carbonaut should be emphasized. As a carbon thermal pad, Carbonaut cannot dry out and the so-called "pump-out" effect, in which the thermal paste is pushed out of the gap between the cooler and CPU by the thermally induced deformation of the heat spreader, does not come into play. This makes Carbonaut ideal for systems that are not regularly maintained or undergo an excessive number of operating cycles.

Short information

- Maximum thermal conductivity
- Consistently high performance
- No drying out & no pump out
- Flexible and easy to use
- Note: Carbonaut is electrically conductive!

Scope of delivery

- 1x Carbonaut

Trademark Information

Thermal Grizzly is a registered trademark.

Technical data

Unit:	Value/Description:
Operating temperature:	-250 °C to 150 °C
Colour:	Black
Electrically insulating:	No

Item number:	EAN-Code:	Size:	Package size:	*Net weight:	*Gross weight:	PU:
TG-CA-25-25-02-R	4260711990304	25x25x0,2 mm	17x14x1 cm	<1 g	22 g	20 Pcs.
TG-CA-31-25-02-R	4260711990311	31x25x0,2 mm	17x14x1 cm	<1 g	22 g	20 Pcs.
TG-CA-32-32-02-R	4260711990274	32x32x0,2 mm	17x14x1 cm	<1 g	22 g	20 Pcs.
TG-CA-38-38-02-R	4260711990281	38x38x0,2 mm	17x14x1 cm	<1 g	22 g	20 Pcs.
TG-CA-51-68-02-R	4260711990298	51x68x0,2 mm	17x14x1 cm	<1 g	22 g	20 Pcs.

*Net weight is the total weight of an article excluding the weight of packaging and accessories. The gross weight refers to the total weight of the product including accessories and packaging. Slight weight deviations are possible due to production factors.

Please note

The data in this technical data sheet are based on our current knowledge and experience. Due to the large amount of possible factors, this should not be construed as to release the users from doing their own tests and screening.

No legally binding assurance of specific properties or applicability for a concrete purpose should be derived from these data. Please consider contacting us for further detail. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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