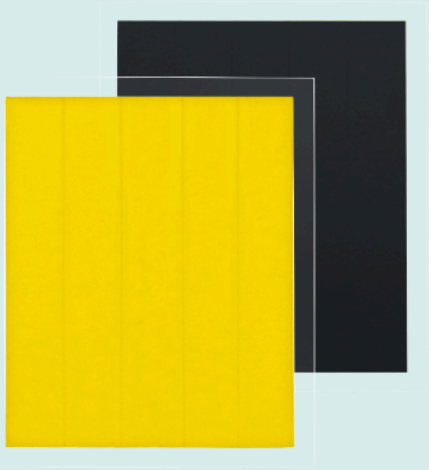
Kapton Insulation Sheet



High Performance Cooling Solutions

The TG Kapton Insulation Sheet is an electrically insulating installation aid for electrically conductive thermal interface materials (TIM), such as Conductonaut liquid metal, Carbonaut, or KryoSheet. Kapton is a polyimide film that can be used at high temperatures. The sheet is supplied in 10 sheets, each containing 5 Kapton adhesive strips. Each individual strip measures 10 millimeters in width and 60 millimeters in length.

The TG Kapton Insulation Sheet is ideal for masking components such as SMDs on a CPU or, for example, RAM components on a graphics card when using Conductonaut liquid metal, Carbonaut, or KryoSheet. It is recommended to thoroughly clean the contact surfaces where the insulation sheet is applied (e.g., with isopropyl alcohol).

Thermal Grizzly offers two variants of the Kapton Insulation Sheet:
- TG Kapton Insulation Sheet
- TG Kapton Insulation Sheet Black Edition

These differ in thickness, maximum short-term temperature resistance, and dielectric strength. The yellow TG Kapton Insulation Sheet is 40µm thick, has a maximum short-term temperature resistance of 280°C, and a dielectric strength of over 1 kilovolt (kV). The matte black TG Kapton Insulation Sheet Black Edition is slightly thinner at 30µm, with a slightly lower maximum short-term temperature resistance of 260°C. With a higher dielectric strength of 5kV, the Black Edition provides stronger electrical insulation.

Short Information Kapton Insulation Sheet

- 50 adhesive strips (10×60mm)
- Thickness: 40µm
- Max temp: 280°C
- Dielectric strength: over 1kV
- Electrically insulating
- Clean surface before application!

Short Information Kapton Insulation Sheet Black Edition

- 50 adhesive strips (10×60mm)
- Thickness: 30µm
- Max temp: 260°C
- Dielectric strength: 5kV
- Electrically insulating
- Clean surface before application!

Scope of delivery

- 10 sheets, each with 5 Kapton Insulation Strips (total: 50 strips)

Technical data

Unit:	Value/description:
Typical Application:	Mounting aid for electrically condutive thermal interface materials
Length:	60 mm
Width:	10 mm
Packaging size:	17,5 x 10 x 0,2 cm
*Gross weight:	9 g
*Net weight:	<1 g
PU:	250 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.

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Amtsgericht Neuruppin HRB 14296
USt. - IdNr.: DE337710926

	Kapton Insulation Sheet	Kapton Insulation Sheet Black Edition
Item number:	TG-KIS-10-60-50	TG-KIS-B-10-60-50
EAN code:	4260711991110	4260711992223
Material:	Polyimide (PI)	Polyimide (PI)
Color:	Yellow, matte	Black, matte
Total thickness:	40µm	30µm
Long-term temperature resistance:	180°C	180°C
Short-therm temperature resistance:	280°C	260°C
Breakdown Voltage:	Over 1 kV	5 kV
Electrically insulating:	YES	YES

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.

Trademark Information

Thermal Grizzly is a registered trademark.

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