

TermoPad without glue

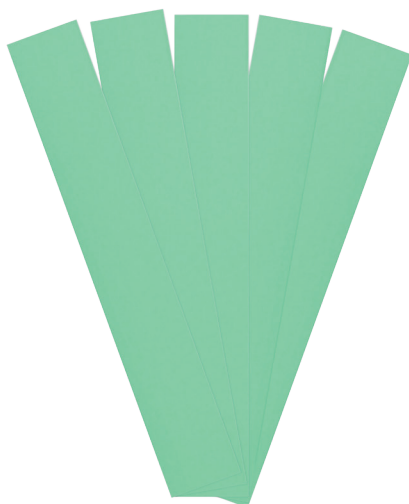
Advanced Thermal Pad designed for effective heat dissipation from key electronic components. Thanks to its flexibility, high compressibility, and lack of an adhesive layer, the TermoPad perfectly conforms to surfaces, ensuring optimal operating temperatures of devices. It is an indispensable choice for those seeking a durable and easy-to-remove solution for cooling systems.

Product features:

- ✓ thermal conductivity in three variants: 1.5 W/mK, 2.4 W/mK and 6 W/mK,
- ✓ two thicknesses: 0.3 mm and 0.5 mm,
- ✓ without adhesive,
- ✓ high flexibility,
- ✓ easy installation.

Applications:

- ✓ computers, laptops, servers,
- ✓ LED systems,
- ✓ electronics and semiconductors,
- ✓ industrial devices.



Physicochemical properties at thermal conductivity of 1.5 W/mK

Thickness	0.3 mm / 0.5 mm
Density at 20°C	2 g/cm ³
Shore A hardness	40 A
Operating temperature range	-60°C to 200°C
Resistance	1*10 ¹¹ Ω/m
Dielectric constant	5 (1 kHz)
Shelf life	3 years

Physicochemical properties at thermal conductivity of 2.4 W/mK

Thickness	0.3 mm / 0.5 mm
Density at 20°C	2.9 g/cm ³
Shore A hardness	30 A
Operating temperature range	-60°C to 200°C
Resistance	1*10 ¹¹ Ω/m
Dielectric constant	6 (1 kHz)
Shelf life	3 years

Physicochemical properties at thermal conductivity of 6 W/mK

Thickness	0.3 mm / 0.5 mm
Density at 20°C	3.0±0.1 g/cm ³
Shore A hardness	30±5 A
Operating temperature range	-60°C to 200°C
Resistance	1.1*10 ¹¹ Ω/m
Dielectric constant	7.5 (1 kHz)
Shelf life	3 years

Compatibility:

Each TermoPad without adhesive is compatible with various surfaces, including metals, ceramics, and plastics. The absence of adhesive allows for easy disassembly and reuse, which is particularly useful in systems where frequent maintenance is required.

Application method	
Without cutting	Yes
With cutting	Yes

Usage instructions:

Restricted to professional users. Read safety data sheet carefully prior to use.

Before starting, make sure that all surfaces that will come into contact with the TermoPad are clean, dry, and free from contaminants such as dust, grease, or oils. If necessary, use an appropriate cleaning agent, e.g., isopropyl alcohol, and a soft cloth. If the size of the TermoPad does not match the space between components, cut it with scissors or a scalpel to fit the project requirements perfectly. Then place the TermoPad between the components requiring cooling. Gently press the TermoPad to ensure full contact with the surfaces and maximum heat transfer efficiency. After mounting the TermoPad, assemble the device, making sure that the components are properly secured. The TermoPad without adhesive is ready for use immediately after installation. If disassembly is required, it can be easily removed and reused, making it a highly practical solution. However, avoid excessive pressure on the TermoPad to prevent damage to its structure or the surfaces of components, especially in the case of delicate electronic parts.

Package	
Zip bag with TermoPad with thermal conductivity of 1.5 W/mK	20 x 130 x 0,3 mm (ART.AGT-293) - 5 pcs.* 20 x 130 x 0,5 mm (ART.AGT-299) - 5 pcs.* 30 x 30 x 0,3 mm (ART.AGT-294) - 5 pcs.* 30 x 30 x 0,5 mm (ART.AGT-300) - 5 pcs.* 200 x 400 x 0,3 mm (ART.AGT-292) - 1 pc.* 200 x 400 x 0,5 mm (ART.AGT-298) - 1 pc.*
Zip bag with TermoPad with thermal conductivity of 2.4 W/mK	20 x 130 x 0,3 mm (ART.AGT-296) - 5 pcs.* 20 x 130 x 0,5 mm (ART.AGT-302) - 5 pcs.* 30 x 30 x 0,3 mm (ART.AGT-297) - 5 pcs.* 30 x 30 x 0,5 mm (ART.AGT-303) - 5 pcs.* 200 x 400 x 0,3 mm (ART.AGT-295) - 1 pc.* 200 x 400 x 0,5 mm (ART.AGT-301) - 1 pc.*
Zip bag with TermoPad with thermal conductivity of 6 W/mK	20 x 130 x 0,5 mm (ART.AGT-305) - 5 pcs.* 30 x 30 x 0,5 mm (ART.AGT-306) - 5 pcs.* 200 x 400 x 0,5 mm (ART.AGT-307) - 1 pc.*

*Quantity of pcs. in a bulk package

Storage:

Store the product in a dry place. Protect from direct sunlight.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note:

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.

