

TermoPad

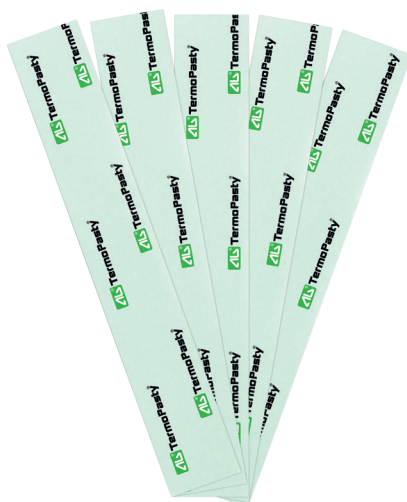
An innovative thermal conductive pad designed for effective heat dissipation and durable mounting of electronic components. Thanks to its exceptional flexibility and excellent thermal conductivity properties, the TermoPad is used in devices where temperature management is crucial. The double-sided adhesive layer enables quick and stable installation, eliminating the need for additional fastening materials.

Product features:

- ✓ thermal conductivity in three variants: 1.5 W/mK, 2.4 W/mK and 6 W/mK,
- ✓ variety of thicknesses: 1 mm, 2 mm and 3 mm,
- ✓ double-sided adhesive layer,
- ✓ 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	1 mm / 2 mm / 3 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	1 mm / 2 mm / 3 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	1 mm / 2 mm / 3 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 is compatible with a variety of surfaces, including metals, plastics, and ceramics. The double-sided adhesive layer ensures durable adhesion to components, eliminating the need for additional fasteners.

Application method	
Without cutting	Yes
With cutting	Yes

Usage instructions:

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

Before applying the TermoPad, make sure that the surfaces on which it will be mounted are clean, dry, and free from dust and grease. If necessary, use an appropriate degreasing agent. Adjust the TermoPad to the required size by cutting it with scissors or a knife, if needed. Remove the protective film from one side and place the TermoPad on the first component, pressing gently to ensure full contact with the surface. Then remove the protective film from the other side and attach the second component, making sure the parts are properly aligned. The TermoPad is ready for use immediately after installation, providing effective heat dissipation and a durable connection.

Package	
Zip bag with TermoPad with thermal conductivity of 1,5 W/mK	20 x 130 x 1,0 mm (ART.AGT-134) - 5 pcs.* 20 x 130 x 2,0 mm (ART.AGT-135) - 5 pcs.* 20 x 130 x 3,0 mm (ART.AGT-136) - 5 pcs.* 30 x 30 x 1,0 mm (ART.AGT-153) - 5 pcs.* 30 x 30 x 2,0 mm (ART.AGT-154) - 5 pcs.* 30 x 30 x 3,0 mm (ART.AGT-155) - 5 pcs.* 200 x 400 x 1,0 mm (ART.AGT-196) - 1 pc.* 200 x 400 x 2,0 mm (ART.AGT-197) - 1 pc.* 200 x 400 x 3,0 mm (ART.AGT-198) - 1 pc.*
Zip bag with TermoPad with thermal conductivity of 2,4 W/mK	20 x 130 x 1,0 mm (ART.AGT-137) - 5 pcs.* 20 x 130 x 2,0 mm (ART.AGT-138) - 5 pcs.* 20 x 130 x 3,0 mm (ART.AGT-139) - 5 pcs.* 30 x 30 x 1,0 mm (ART.AGT-156) - 5 pcs.* 30 x 30 x 2,0 mm (ART.AGT-157) - 5 pcs.* 30 x 30 x 3,0 mm (ART.AGT-158) - 5 pcs.* 200 x 400 x 1,0 mm (ART.AGT-193) - 1 pc.* 200 x 400 x 2,0 mm (ART.AGT-194) - 1 pc.* 200 x 400 x 3,0 mm (ART.AGT-195) - 1 pc.*
Zip bag with TermoPad with thermal conductivity of 6 W/mK	20 x 130 x 1,0 mm (ART.AGT-140) - 5 pcs.* 20 x 130 x 2,0 mm (ART.AGT-141) - 5 pcs.* 20 x 130 x 3,0 mm (ART.AGT-142) - 5 pcs.* 30 x 30 x 1,0 mm (ART.AGT-159) - 5 pcs.* 30 x 30 x 2,0 mm (ART.AGT-160) - 5 pcs.* 30 x 30 x 3,0 mm (ART.AGT-161) - 5 pcs.* 200 x 400 x 1,0 mm (ART.AGT-130) - 1 pc.* 200 x 400 x 2,0 mm (ART.AGT-191) - 1 pc.* 200 x 400 x 3,0 mm (ART.AGT-192) - 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.