

## Alphacool Eisschicht thermal pad 11W/mK 17x22x1mm

Alphacool article number: 12985



### Quick Info

The Eisschicht is Alphacool's high-performance solution in the field of thermal pads, as it can almost be compared to a thermal paste due to its outstanding properties. The Eisschicht thermal pads cling optimally to the components to be cooled, which leads to a significant improvement in cooling performance.

- High-performance thermal pad
- Enables significantly longer usage time
- Easy to handle

### Scope of delivery

1x Alphacool Eisschicht thermal pad 11W/mK 17x22x1mm

## Technical data

L x W x H	17 x 22 x 1mm
Color	gray
Thermal Conductivity	11.0 W/mK
Operating temperature	-40 to +150 °C

## Download links

Safety data sheet	<a href="#">12985_Alphacool_Eisschicht_thermal_pad_11W-mK_17x22x1mm_SDS.pdf</a>
Product pictures	<a href="#">12985_Alphacool_Eisschicht_thermal_pad_11W-mK_17x22x1mm_pics.zip</a>

## Packaging dimensions per unit

L x W x H	100 x 75 x 5 mm
Weight	3 g

## Other data

Certificates	CE, FC, RoHS
EAN	4250197129855
Customs code	84733080000

## Article text

The Eisschicht is Alphacool's high-performance solution in the field of thermal pads, as it can almost be compared to a thermal paste due to its outstanding properties. The Eisschicht thermal pads cling optimally to the components to be cooled, which leads to a significant improvement in cooling performance.

### Better than standard thermal pads?

The material of the Eisschicht thermal pads acts similarly to a thermal paste. The consistency of the pads prevents the highest components such as voltage converters or VRams from being subjected to increased contact pressure from the cooler. In the worst case, this can cause the PCB to bend. The Eisschicht pads fill up unevenness, nestle better to the components and thus increase the heat transfer between cooler and component.

### But that's not the only benefit!

Typically, the silicone of thermal pads bleeds out over time. This makes them hard and the performance of the pads drops rapidly after a certain point. The special material of the Eisschicht dries out slower compared to standard thermal pads. Due to the longer lifetime, the pads can be used for a much longer period of time without significantly losing performance.

### Cutting to size? No problem!

To cut the thermal pads to size, it is essential to leave the foil on the pads. This makes it easy to cut the pads to size with scissors. This is just as easy as cutting paper. The cut edges stay perfectly clean and don't fray either.

Alphacool's Eisschicht thermal pads offer better performance than standard thermal pads in many ways and are a perfect replacement for old or underperforming pads.