

Alphacool Apex 17W/mK Thermal Grease 20g

Alphacool article number: 13096



Quick Info

The Alphacool Apex Thermal Grease is intended for all users who want to achieve the optimum performance with their system. With a thermal conductivity of 17 W/mK, this electrically non-conductive thermal paste suitable for high contact pressures is clearly the favorite when performance and ease of application are required.

- Performance thermal paste with 17 W/mK thermal conductivity
- Suitable for high contact pressures
- Easy to apply due to optimal viscosity

Scope of delivery

1x Alphacool Apex 17W/mK Thermal Grease, 20g

Technical data

Thermal conductivity	17 W/mK
Volatilization Rate (24H@200°C)%	less than 0.5
Density (g/cc)	3.2 (Test method ASTM D792)
Viscosity (mPa.s)	150~200*10 ³ (Test method ASTM D2196)
Continuous Using Temperature (°C)	-40°C to 120°C
Breakdown Voltage (V/mil)	250 (Test method ASTM D149)
Thermal Impedance (°C in 2/W)	0.1 +/- 0.01 (Test method ASTM D5470)
Max. working pressure (psi)	40
Color	gray
Quantity	20g

Download links

Safety data sheet	13096_Alphacool_Apex_17W-mK_Thermal_Grease_20g_SDS.pdf
Product pictures	13096_Alphacool_Apex_17W-mK_Thermal_Grease_20g_pics.zip

Packaging dimensions per unit

L x W x H	40 x 40 x 40 mm
Weight	30 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197130967
Customs code	84733080000

Article text

The Alphacool Apex Thermal Grease is intended for all users who want to achieve the optimum performance with their system. With a thermal conductivity of 17 W/mK, this electrically non-conductive thermal paste suitable for high contact pressures is clearly the favorite when performance and ease of application are required.

Application

Apex 17 W/mK Thermal Grease can be optimally applied due to its high viscosity. For perfect application of the thermal paste, a plastic spatula (not included) or a comparable tool should be used.

Properties

Alphacool's Apex Thermal Grease has an extremely high thermal conductivity of 17 W/mK, making it one of the best performing thermal pastes on the market. Only liquid metal thermal pastes offer better thermal conductivity. The Apex Thermal Grease is delivered in a 20g container with screw cap. The amount of thermal paste is sufficient for several applications and can be stored in the container protected from drying out. In addition, Apex Thermal Grease is non-conductive and non-caustic. If a small amount of paste is spilled during application, damage to the hardware is highly unlikely.

Range of uses

Alphacool's high-performance thermal paste can be used to cool electronic components of all kinds. In addition to CPUs and graphics cards, the components of Playstation and Xbox game consoles can also be cooled and thus significantly improved in their performance and durability.