Download Center

Alphacool Apex Thermal grease 4g

Alphacool article number: 13036

Quick Info

The Alphacool Apex Thermal Grease is intended for all users who want to achieve the optimum performance with their system. With a high thermal conductivity, 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 a high thermal conductivity
- Suitable for high contact pressures
- Easy to apply due to optimal viscosity

Scope of delivery

1x Alphacool Apex Thermal Grease, 4g

Technical data

Volatilization Rate (24H@200°C)%	less than 0.5
Density (g/cc)	3.2 (Test method ASTM D792)
Viscosity (mPa.s)	150~200*10³ (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	4g

Download links

Safety data sheet	13036_Alphacool_Apex_Thermal_grease_4g_SDS.pdf
Product pictures	13036_Alphacool_Apex_Thermal_grease_4g_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_13036.pdf

Packaging dimensions per unit

L x W x H	160 x 100 x 15 mm
Weight	17 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197130363
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 high thermal conductivity, 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 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, 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 4g applicator with screw cap. The amount of thermal paste is sufficient for several applications and can be stored in the applicator 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.