

Alphacool Apex 17W/mK 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 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
- Ideal for high contact pressures
- Easy to apply due to optimal viscosity

Scope of delivery

1x Alphacool Apex 17W/mK Thermal Grease, 4g

Technical data

Thermal conductivity	17 W/mk
Volatilization Rate (24H@200°C)%	less than 0.5
Density (g/cc)	3.5 (Test method ASTM D792)
Viscosity (mPa.s)	35-220*103 (Test method ASTM D2196)
Continuous Using Temperature (°C)	-40°C to 120°C
Thermal Impedance (°C in 2/W)	0.10 +/- 0.1 (Test method ASTM D5470)
Max. working pressure (psi)	40
Color	gray
Quantity	4g

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Product pictures	13036_Alphacool_Apex_17W-mK_Thermal_Grease_4g_pics.zip
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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

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Application

Apex 17W/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 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.