

Alphacool Apex 17W/mK Thermal grease 1g

Alphacool article number: 13037



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 Apex 17W/mK Thermal grease 1g

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 |
| Quantity | 1g |
| Color | gray |

Download links

| | |
|-------------------|--|
| Safety data sheet | 13037_Alphacool_Apex_17W-mK_Thermal_grease_1g_SDS.pdf |
| Product pictures | 13037_Alphacool_Apex_17W-mK_Thermal_grease_1g_pics.zip |

Packaging dimensions per unit

| | |
|-----------|------------------|
| L x W x H | 110 x 85 x 15 mm |
| Weight | 4 g |

Other data

| | |
|--------------|---------------|
| Certificates | CE, FC, RoHS |
| EAN | 4250197130370 |
| 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 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 1g applicator with screw cap. The 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.