

Arctic Alumina™ Thermal Adhesive

Arctic Alumina Thermal Adhesive is a two part permanent adhesive for thermal joints in minimum bond line applications. It is NOT intended to be used between a CPU and the CPU heatsink. On a CPU please use a thermal compound such as [Arctic Silver 5](#), [Céramique 2](#), [Arctic Alumina](#) or [Matrix](#). For proper use refer to the [instructions](#) here.

Features:

Characteristics:

Arctic Alumina Adhesive uses a layered composite of aluminum oxide and boron nitride.

Temperature range:

- 40C to >150C (Bond strength is slightly weakened at temperatures below 0C due to crystallization.)

Pure Electrical Insulator:

Arctic Alumina Adhesive is a pure electrical insulator, neither electrically conductive nor capacitive.

Compliance: RoHS Compliant.



Components:

A set of Arctic Alumina Thermal Adhesive consists of two syringes containing a total of 5 grams of adhesive (2.5 grams each of parts A and B) and a plastic reusable mixing wand. Approximately 3cc total adhesive.

Although lighter per set than Arctic Silver Adhesive due to its use of ceramics rather than silver, each set of Arctic Alumina Adhesive contains the same amount of adhesive by volume as a set of Arctic Silver adhesive and will cover the same area.

Storage:

Arctic Alumina Thermal Adhesive should be kept cold and away from UV light (sunlight and florescent lighting). We recommend refrigerating the unused material and allowing it to come to room temperature prior to use.

Precaution:

Arctic Alumina Thermal Adhesive is a permanent adhesive. Components you attach with Arctic Alumina Thermal Adhesive will stay attached forever.

Related Information:

MSDS for AATA:

[Material Safety Data Sheet](#)

Instructions:

[How to apply AATA](#)

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