



# *Arctic Silver* Arctic Silver 5 High-Density Polysynthetic Silver Thermal Compound-12g

\$29.85

## Product Images



## Short Description

Thermal compound is necessary to create a reliable transfer of heat from your computer's processor to its heatsink to keep your CPU from overheating. Arctic Silver 5 thermal compound does this with three unique shapes and sizes of pure silver particles to maximize particle-to-particle contact area and thermal transfer.

It's optimized for use between modern high-power CPUs and high-performance heatsinks or water-cooling solutions. This 12-gram tube contains enough compound to cover at least 50 small CPU cores, or 20 large CPU cores, or 7 to 15 heat plates.

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**\*Note: This Item can not be shipped using DHL\***

## Features

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- *99.9% Pure Silver* The Arctic Silver 5 uses three unique shapes and sizes of pure silver particles to maximize particle-to-particle contact area and thermal transfer.
- *High Density* The Arctic Silver 5 contains over 88% thermally conductive filler by weight. The thermally-enhanced ceramic particles including micronized silver, sub-micron zinc oxide, aluminum oxide and boron nitride particles improve the compound's performance and long-term stability.

## Specifications

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Brand

Arctic Silver

Model

AS5-12G

## Details

Specifications

Average Particle Size:

<0.49 micron <0.000020 inch

Extended Temperature Limits:

Peak: -50 Degrees C to >180 Degrees C

Long-Term: -50 Degrees C to 130 Degrees C

#### Performance:

3 to 12 degrees centigrade lower CPU full load core temperatures than standard thermal compounds or thermal pads when measured with a calibrated thermal diode imbedded in the CPU core.

#### Coverage Area:

A 3.5 gram syringe contains enough compound to cover at least 15 to 25 small CPU cores, or 6 to 10 large CPU cores, or 2 to 5 heat plates. At a layer 0.003" thick, the 3.5 gram syringe will cover approximately 16 square inches.

## Features

### Features

12-gram

## Plug Standards

### Electrical Outlet Plug Type

Thermal Compound

## Group

### Weight

30g

## Additional Information

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Brand	Arctic Silver
SKU	AS5-12G
Weight	0.2500
TIM Type	Paste
Vendor SKU/EAN	832199001021

