

High-Performance Silicone Thermal Paste, 14.5W/m•K Conductivity, Grease Compound for CPUs, GPUs, and ICs, Improves Heat Dissipation in Computers

Product ID: SILVGREASE10-PRO



Improve cooling performance in workstations, servers, and compact systems with this high-performance thermal paste, designed for efficient heat transfer and safe application in professional environments.

Silicone-based thermal compound features a thermal conductivity of 14.5 W/m • K and an operating range of -58F to +536F (-50C to +280C), helping maintain thermal stability in CPUs, GPUs, and ICs with high TDP under continuous load.

Electrically non-conductive grease helps prevent shorts, supporting safe use in spaced constrained or critical system builds.

Includes a resealable 10g syringe with screw cap and plunger for controlled, repeatable use in upgrades, repairs, or custom builds.

Certifications, Reports and Compatibility



Applications

Features

- **Improve Heat Transfer with High-Performance Thermal Paste:** Professional-grade silicone-based compound delivers efficient heat transfer for processors, GPUs, and ICs; Maintain stable temperatures in computers,

servers, and mission critical systems

- **Manage High Temps in Space-Constrained Builds**: High-performance thermal grease with 14.5W/m-K conductivity and -58 to +536F (-50 to +280C) range; Improve heat control on CPUs, GPUs, and ICs in compact PCs and embedded systems under sustained workloads
- **Protect Components with Non-Conductive Thermal Compound**: Electrically insulating compound helps prevent shorts if paste contacts nearby components, ensuring safe application and reliable operation while reducing downtime and maintenance
- **Simplified Application**: 10g syringe with screw cap design prevents spills and allows easy reuse, while the plunger enables clean and controlled application; Use on your workstation for custom builds, upgrades, and component maintenance
- **The IT Pro's Choice**: Our thermal product solutions are engineered to deliver consistent performance in professional environments and are tested for lasting reliability on critical components; Backed by free lifetime 24/5 multilingual technical assistance

Performance

Warranty	2 Years
Thermal Conductivity	14.5 W/m-K at 25C
Thermal Resistance	1.42 cm K/W at 25C
Evaporation	<0.5% at 150C for 24 hours
Specific Gravity	2.65 (g/ml) at 25C

Physical Characteristics

Color	Gray
Materials	Polydimethylsiloxane 15% , Zinc Oxide 27% , Aluminum oxide 58% ,
Product Length	5.0 in [126 mm]
Product Width	1.0 in [26.6 mm]
Product Height	0.7 in [17.2 mm]
Weight of Product	0.5 oz [15 g]

Packaging Information

Package Length	2.4 in [6.0 cm]
Package Width	6.3 in [16.0 cm]

Package Height	1.2 in [3.0 cm]
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Shipping (Package) Weight	1.6 oz [44.0 g]
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What's in the Box

Included in Package	1 - Thermal Paste Syringe
	1 - Plastic Spreader
	1 - Product Documentation

Warranty Information

Warranty	2 Years
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****Product appearance and specifications are subject to change without notice.***