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

RoHS Compliant

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	4.9 in [125 mm]
	Product Width	1.1 in [27 mm]
	Product Height	0.7 in [18 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]
	Shipping (Package) Weight	1.6 oz [44.0 g]

What's in the Box		
	Included in Package	1 - Thermal Paste Syringe
		1 - Plastic Spreader
		1 - Product Documentation

Warranty Information		
	Warranty	2 Years

Product appearance and specifications are subject to change without notice.