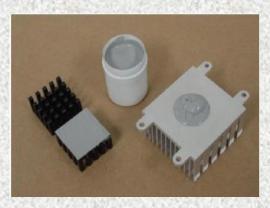


THERMALLY CONDUCTIVE GREASE



OG-890 is a high thermal conductivity silicon thermal has good thermal conductivity and low thermal resistance, making it suitable for various environments. After a series of tests, the reliability has been confirmed in various usage scenarios

OG-890 has superior wetting properties in filling surface irregularities and provides a complete solution for application where rigorous heat transfer from heat source to spreader is required. It is also suitable for applications where re-work or frequent assembly/disassembly is required.

OG-890 is RoHS compliant and halogen-free, offering extra reassurance in applications which hazardous substances are forbidden.

Features and Benefits

- 4.3 W/mK thermal conductivity
- Halogen-free
- RoHS compliant
- Suitable for auto-dispensing and screen printing applications

Typical Applications

- Heat source to spreader/sink in computer and peripherals
- Power conversion equipment
- Cooling components to the chassis, frame or other types of heat spreader
- · Wireless communication hardware
- Automotive control units
- Power supply
- · Audio and video component
- Micro processor

Optional Configurations

• Syringes or special cartridges can be arranged upon request

Typical Properties

Properties	OG- 890	Test Method
Construction & Composition	Silicone-based grease	
Color	Grey	Visual
Density (g.cm ⁻³)	2.8	ASTM-D792
Viscosity(mPa⋅s)	1.0×10 ⁶	
Thermal Impedance @ 40psi (°C.in²/W)	0.011	ASTM D5470 (modified)
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	4.3	ASTM D5470 (modified)
Minimum Bond Line Thickness (µm)	30	
Temperature Range (°C)	-40~150	
Shelf Life /Months	12	

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