



OG-600 is thermally conductive grease with low flowability and will never dries out. It can be used for applications involving auto-dispensing equipments or by screen-printing.

OG-600 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-600 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits

- 3.0W/m-K thermal conductivity
- Excellent thermal conductivity
- Never dries
- RoHS compliant
- Halogen-free
- Suitable for auto-dispensing and screen printing applications

Typical Applications

- Heat source to spreader/sink in computer and peripherals
- Power conversion equipments
- 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 and special cartridges can be arranged upon request



Typical Properties

Properties	OG-600	Test Method
Construction & Composition	Silicone-based grease	—
Color	Grey	Visual
Density (g.cm ⁻³)	1.93	—
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	3.0	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in ² .W ⁻¹)	0.075	ASTM D5470 (modified)
Oil Bleeding (150°C/ 24h) (wt.%)	<0.2%	JIS K 2220
Shelf Life	24 months	—
Please contact us for other special requirements		

SEM (North America) Inc.

Tel: +1 585-643-2000
 Fax: +1 585-427-7216
 Address: 1555 Jefferson Road,
 Rochester, NY 14623

SEM Belgium bv

+32 59 560 270
 Schatting 73,
 8210 Zedelgem, Belgium

SEM Asia Ltd.

+852 2686 8168
 +852 2686 8268
 Unit 1, 3/F Block A, New Trade Plaza,
 6 On Ping Street, Shatin, N.T., Hong Kong

SEM (Dongguan) Ltd.

+86-769-8334 1628
 +86-769-8334 2028
 No. 8A Qiaoxin Road, Qiaotou,
 Dongguan, Guangdong, China
 Postal code 523525

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