



GCS-090-GS THERMAL SILICONE GREASE

GCS-090-GS is a silicone thermal grease

Features

- 9.0 W/m K thermal conductivity
- No pump out or stability issues
- Low thermal resistance
- Can be dispensed or screen printed



Configurations

PART NUMBER	WEIGHT
GCS-090-GS-20g	20g syringe

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thermal Impedance °C-in ² /W	ASTM D5470	0.0012
Thermal conductivity W/m K	ASTM D5470	9.0
Density. g/cm ³	ASTM D792	3.3
Operation temperature (°C)	-	-20 to 150

Applications

Displays, lighting protection: PDP TV, LCD CCFL and LCD LED display backlight, LED signage, projectors and new display technology.

Consumer and industrial electronics: Mobile telephone, communication base station, laptop, notebook, computer servers, handheld gaming devices, memory modules, CPU modules, amplifiers, batteries, and DC to DC converter power supplies.

Automotive electronics: Engine management, electronics suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.



✉ info@gcsthermal.com

GCS UK Ltd

7 Priory Business Park
Kibworth, Leicestershire
LE8 0RX, UK