



GCS-020-GNS NON SILICONE THERMAL GREASE

GCS-020-GNS is a silicone free thermal grease

Features

- 2.0 W/m K thermal conductivity
- Easy to apply and rework, can be dispensed or printed
- High stability
- No dry out
- Bondline thickness to 50 microns

Configurations



PART NUMBER	WEIGHT
GCS-020-GNS-20g	20g syringe
GCS-020-GNS-30g	30g syringe
GCS-020-GNS-1kg	1kg pot

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	White
Thermal Impedance °C-mm ² /W	ASTM D5470	0.04
Thermal conductivity W/m K	ASTM D5470	2.0
Specific gravity. g/cm ³	ASTM D1475	2.1
Dielectric strength kV/mm	ASTM D149	13
Operation temperature (°C)		-50 to +150
Bond Line Thickness, mm		0.005
Viscosity (cps)		15000

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