



GCS-045-GS-WE THERMAL SILICONE GREASE

GCS-045-GS-WE is a silicone thermal grease

Features

- 4.5 W/m K thermal conductivity
- No pump out or stability issues
- Easy to apply and rework
- Dispensable



Configurations

PART NUMBER	WEIGHT
GCS-045-GS-WE-40g	40g syringe
GCS-045-GS-WE-1kg	1kg pot

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thermal Impedance °C-mm ² /W	ASTM D5470	0.008
Thermal conductivity W/m K	ASTM D5470	4.5
Density, g/cm ³	ASTM D792	3.38
Dielectric strength, kV/mm	ASTM D149	8
Volume resistivity (Ohm-cm)	ASTM D257	10 ¹²
Operation temperature (°C)	-	-40 to +200

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, electronic 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

40 Centenary Business Centre,
Hammond Close, Nuneaton,
Warwickshire, CV11 6RY