

# GCS-046-SM8 Silicone grease

High performance thermal silicone grease

## Features

- Good thermal conductivity
- Easy to assemble
- High stability
- Does not harden with time

## Configurations

Part number	Total weight
GCS-046-SM8-20g	20g
GCS-046-SM8-1kg	1kg

## Characteristics

Characteristic	Value
Colour	Grey
Thermal conductivity W/mK	4.6
Thermal impedance °C-in <sup>2</sup> /W	0.0087
Specific gravity	3.15
Evaporation %	0.001
Bleed	0.05
Dielectric constant	5.1
Viscosity	None
Thixotropic index 1/10mm	380 ± 10
Moment beared temperature °C	-50 ~ 340
Operation temperature °C	-30 ~ 300

## 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 covertors 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.



**Global Component Sourcing**

E-mail: [info@gcshk.net](mailto:info@gcshk.net)

Global component sourcing, 3705 Bank of America Tower, Suite 338, 12 Harcourt Road, Central, Hong Kong