

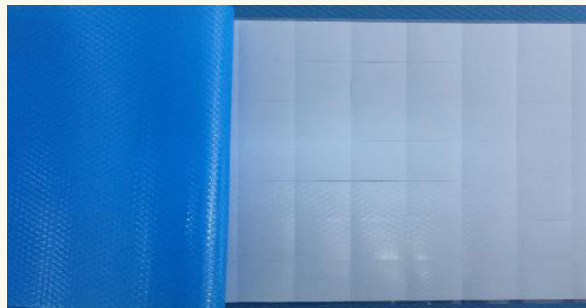


GCS-035PCM-SCP PHASE CHANGE INTERFACE MATERIAL

GCS-035PCM-SCP is a dispensible phase change interface material

Features

- Phase change, solid material turns to fluid to fill voids
- Low contact resistance
- Good adhesion
- Good electrical insulation
- Dispensible / printable



Configurations

PART NUMBER	Package size
GCS-035PCM-SCP	100g pot

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	White
Thermal conductivity W/m K	ASTM D5470	3.0
Phase change temperature (°C)		+45
Density g/cm ³	ASTM D792	1.7
Thermal impendence °C-cm ² /W	ASTM D5470	0.40
Operation temperature (°C)	EN344	-30 to +125
Viscosity (cps)		60000
Storage temperature (°C)		<40

Description

GCS-35PCM-SCP is a reworkable and repeatable phase change thermal interface material (PCM). This material offers the enhanced performance and reliability of a phase change thermal interface material with the application ease of a thermal grease.

GCS-35PCM-SCP is supplied as a paste that can be stenciled, screen printed, or applied manually onto a heat sink or other surfaces. Once the compound is applied, it will dry to a solid phase change material. The material then flows at the phase change temperature and conforms to the surface features of the heat sink and components and fills air gap voids thus lowering thermal resistance in the assembly.



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