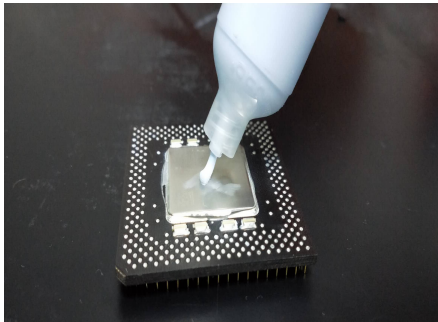


GEL35A

Thermally Conductive Gel

Product Description



GEL35A is a high thermal performance, unique, fully cured thermal management solution for electronic assemblies, this material does not dry out. It has low viscosity for dispensing usage application; this material has good tacky on the heat-sink and can be used for application involving auto-dispensing equipment or stencil screen-printing. It's ideal for rework and field repair situations. Compared with thermal pad, this material can fully fill the gap, offers good compression and is cost saving.

GEL35A is RoHS compliant and halogen-free, offering extra security in applications where hazardous substances are forbidden.

Applications

- Robot automated assembly
- Automotive industry
- 5G Communication industry
- ABS system
- Military Electronics
- Communication equipment
- Mobile phone CPU
- Memory module
- IGBT and other power modules Telecom services

Features and Benefits

- High thermal conductivity
- Natural tacky & Low contact resistance
- Full-cured & No oil-bleeding
- High compression
- Suit auto-dispensing equipment
- Meets RoHS specifications

Property	Data	Test Method
Thermal conductive	3.5W.m ⁻¹ .K ⁻¹	ASTM D5470
Color	Multi-color	Visual
Flow Rate, 30cc syringe with no tip attachment 0.100" orifice, 90psi	20 g/min	Compelma
Density	3.3g.cm ⁻³	ASTM D792
Minimum bond line thickness (mm)	0.1	Compelma
Temperature Range	-55°C~+200°C	
Breakdown Voltage (V/mm)	>8000 V	ASTM D149
Volume Resistivity	10 ¹³ ohm-cm	ASTM D257
Flammability Rating	V-0	UL 94
		(UL File upon request)
RoHS Compliant	Yes	
Optimal Storage:	25° C (± 10) 50% RH (± 10) for 18 months shelf life	

COMPELMA S.A.S - ICE GROUPE