



## 3K Thermal grease series

Thermal conductive silicone is also called thermal conductive, cooling paste, is a kind of high thermal conductive insulation silicone material, almost never curmal, can be into 50~+250°C for a long time to Maintain state of mount tai, when using both excellent Electrical insulation, and has excellent thermal Conductivity ,colleagues with low oil (tends to zero). High and low thermal resistance, resistance to water, Ozone and weathering.



### Precautions

- \*store in clean, cool place, avoid contact with dust
- \*Fully mixed before use to reach the better performance
- \*Just a thin layer on applied surface would be performance
- \*When install it should need some fastening force to making attached better

### Typical applications

- Communication equipment
- LED Light
- Switching power supply
- Back light model
- Medical equipment
- Mobile equipment
- Video equipment
- Networking equipment
- Household appliances
- PC server/workstations

### Package details

Item	Unit	Environment	Test methods	Test results
Color	no	25°C	visual	grey
Dielectric constant	25°C	25°C	ROCT8.140-82	<0.1
Dissipation factor	1/10mm	25°C	GB-269-77	350-380
Specific gravity	no	25°C	ASTM D1475	2.8
Bleed	no	25°C	ASTM D150	>5.1
Thyrotrophic index	°C	25°C	GB/T-269	340~380
Working temperature:	25°C	no	no	-50~+250°C
Thermal conductivity	W/M.K		ASTM D5470	12.8w
Volume Resistivity	Ω-cm			1.9*10 <sup>12</sup>