

One Component High Thermal Conductive Grease

SI1101



◆ Detailed Product Description

Features

1. SI1101 is produced by imported raw material and formula, composed by organo-siloxane and metallic oxide which with good thermal conductivity and insulativity. So the grease has fabulous thermal conductivity and insulativity.
2. It has high stability from -50°C to +200°C
3. The viscosity is low and it's easy to application.
4. Non-poisonous, no corrosion, no smell, won't dry and solute
5. High Thermal conductivity, 1.5W/(m · K)
6. Low Bleed, ≤2.0% in 8 hours and 200°C
7. Good temperature resistance, no harden and flowing in 200°C

Usage

Widely used as thermal transmission medium among electronic components, such as the shimming of CPU and radiator, gap filling of triac semiconductor diode and basic material(aluminum or copper etc.) for reducing the work temperature of heater element.

◆ Data Table

Model number	SI 1101
Appearance	White Paste
Penetration(1/100mm)	300
Density (g/cm ³)	2.2
Bleed (% ,200°C/8hr)	≤ 3.0
Volatility (% ,200°C/8hr)	≤ 2.2
Thermal Conductivity (W/m.K)	1.5

Note:

- ①All data above were tested under standardized condition.
- ②All data listed in the chart were for the generalized item in the series; please refer to the related data sheet for special items.
- ③Storage condition has a direct impact to the products' shelf life, Please refer to the instruction for special items' storing.

◆ Operation

Clean the coated surface, remove the oil and dust. Then extrude directly the silicone grease evenly to the coated surface. Please make sure the even of the coated surface, only need to coat a thin layer.

◆ Package and Storage

Package

Barrel:2kg/Drum

Color: White

Storage

Keep in cool and ventilative place

Can be shipped as normal chemicals

◆ Safety Operation Material

MSDS isn't included here. Please read TDS, MSDS and label carefully before operation. You can get MSDS from Sepuna or other distributors, or mail to service center sepuna@sepuna.cn, or call +86-400-882-1323.

◆ Product Warranty

All product properties and application details based on information believe to be reliable and accurate. But you still need to test its property and safety before application. The advices we supply don't apply in any circumstances. Sepuna don't make assurance of any other applications outside the specification until Sepuna supply a special written guarantee. Sepuna is only responsible to replace or refund if this product is defective within the warranty period stated above. Sepuna makes it clear that will not be liable of any accidents.