

Product Features:

- One-component, white;
- Physical form: paste;
- Wide working temperature range;
- Nontoxic, non-corrosive to PCB and metal;
- Eco-friendly, odourless;
- Maintain dry and flowing at high temperature;
- High performance on insulation, corona resistance, electric leakage resistance and chemical resistance;
- Can be manually glued or machine glued;
- Thermal conductivity: 1.6W/m·K

Technical Properties:

Item	Unit	Typical Value
Item No.		0112
Physical Form		paste
Color		white
Main Component		polysiloxane
Density	g/cm ³	2.7
Penetration Degree	1/10cm	310
Volatility(200°C, 24h)	%	0.2
Volume Resistivity	Ω*cm	1.0×10 ¹⁵
Dielectric Strength	KV/mm	24
Breakdown Voltage	KV/mm	20
Surface Resistance	Ω	2.5×10 ¹⁴
0.1mm Thermal Resistance	m ² K/W	0.00014
Working Temperature	°C	-50~200
Thermal Conductivity	W/m·K	1.6

Main Applications:

- Widely used for the thermal conductivity of electronic components including the filling of gap between CPU and heat sink.
- For the filling of gap between high-power audion, to reduce the temperature of electronic components.

Directions for Use:

- Stir this product 2 mins which has been placed for a long time before use.
- Clean the surface and remove rust, dust, water, oil, etc
- The object surfaces should be even and uniform.
- Test confirm with a sample before applying
- Only a thin layer of this product need for use to avoid wastes.
- Do not keep this product exposed in the air for a long time.

Packing specification:

- 011213 2kg/bucket, 011204 800g/tube
- 011205 5kg/bucket

Storage:

- Store it in dry and cool places at the temperature of 0~35°C
- Shelf life is 12 months

Cautions:

- Keep it away from children.
- In case of contact with skins, wipe and then flush with clear water.
- In case of contact with eyes, flush with clear water immediately and go to hospital.
- For the use of this product, it's not the more the better but the thinner the better under the condition of full filling of gaps is assured.

Note:
The data in this document were obtained under laboratory conditions. Due to differences in the operating environment, the user can refer to these data and operating conditions for analysis and testing. Huitian does not guarantee the sale of products or the use of the products under specific working conditions and does not accept any liability for direct, indirect or incidental damage. If users encounter any problems in the process of use, please contact the technical service department of Huitian New Material and all assistance will be provided.