

Technical Data Sheet

Product Features:

- One-component, white;
- Wide working temperature range;
- Nontoxic, non-corrosive;
- 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 conductivit: 2.1W/m·K.

Technical Properties:

Item	Unit	Typical Value
Item No.		0113
Physical Form		paste
Color		white
Main Component		polysiloxane
Density	g/cm ³	2.9
Penetration Degree	1/10cm	280
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	2.4×10 ¹⁴
0.1mm Thermal Resistance	m ² K/W	0.00011
Work Temperature	°C	-50~200
Thermal conductivity	W/(m·K)	2.1

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.

0113 Silicone Thermal Grease

Version: B0

Directions for Use:

- Stir this product 2 minswhich 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 products needed for use to avoid wastes.
- Do not keep this product exposed in the air for a long time.

Packing specification:

2kg/bucket, 6bukets/carton

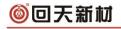
Storage:

- 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.



湖北回天新材料股份有限公司 Hubel Huitian New Material Co., LTD. 电话: 0710-3626888 传真: 0710-3820881 上海回天新材料有限公司 Shanghai Huitian New Material Co.,Ltd. 电话: 021-57743399 传真: 021-37740088 广州回天新材料有限公司 Guangzhou Huitian New Material Co., Ltd. 电话:020-36867996 传真:020-36867991 www.huitian.net.cn

常州回天新材料有限公司 Changzhou Huitian New Material Co.,Ltd. 电话: 0519-81690612 传真: 0519-81690618