

## ● Technical Data Sheet

### ● Product Description:

- Thermal conductive silicone sealant is made of organic materials, with the favorable properties of heat dissipation, heat conduction, insulation, waterproof, weather and temperature resistance, and adhesion
- It can solidify and maintain good stability in the temperature range from -40 to 180 °C
- Comply with EU ROHS directive requirements

### ● Product Application:

- It is widely used in power supply, chargers and other parts for the fixed, bonding, sealing, heat conduction
- LED lamp radiator and PCB for bonding and thermal conduction. Suitable for SMD high-power lamp
- For other electronic, electrical components of the bonding, heat conduction

### ● Product Instruction:

- Please make sure the surface is absolutely clean before use
- The thermal conductive silicone sealant could be coated on the objects directly, and put the adhesive surface fixed and placed in the air so that the natural curing. The higher the temperature, the faster it curing

### ● Caution:

- Keep away from children
- After the opening of the silica gel, as far as possible to use
- If contact with the skin, wipe clean, and then rinse with water; if contact with eyes, immediately wash with water, and go to the hospital to check

### ● Technical Specification:

#### PS-7576 Thermal conductive silicone sealant

Performance	Data
Colour	White
Thermal conductivity (W/m-k)	1.0±0.2
Density (g/ml)	1.63±0.03
Vdaf (%)	2.25
Hardness (ShoreA)	45-55
Breakdown voltage (Kv/mm)	>10
Surface dry time (min)	3-5
Full cure time (h)	24
Operating temperature (°C)	-40~180
Limit temperature (°C)	-50~250

### ● Packing Specification:

- 50ml/tube, 200tube/box
- 100ml/tube, 120 tube/box
- 300 ml/ tube, 25 tube/box
- 2600 ml/ tube, 4 tube/box

### ● Storage And Transport

- This product should be stored in a dry, cool place, avoid rain, sun exposure, storage period of six months (25°C).
- Such products are non hazardous and can be transported in general chemicals