

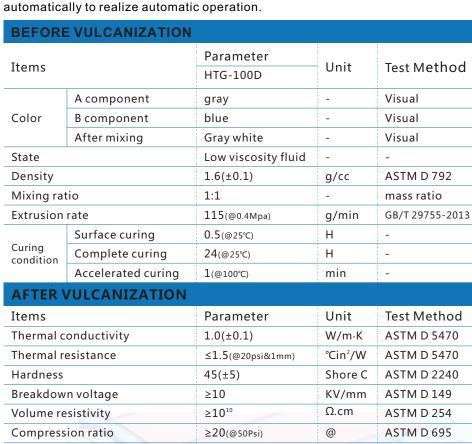
### Innovative Materials Manufacturer

# Two component thermal conductive gel Series

# [Thermal Gap filler]

# **DATA SHEET**

HTG-100D series of two-component thermal conductive gel is a kind of heat conductive paste which can be cured at room temperature. After curing, it presents a flexible rubber elastomer. It is suitable for the electronic/electrical field with heat dissipation demand. It is especially suitable for the occasion where different components share a large gap of radiator. It can be dispensed



≥0.25

≥150

≥1.8

≤0.1

V-0

-40~180

≥2

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Mpa

KN/m

@1MHz

@1MHz

%

ASTM D 412

**ASTM D 412** 

ASTM D 624

ASTM D 150

**ASTM D 150** 

IEC 60068-2-14

UI 94

- Product picture -

### **FEATURES:**

- 1.0W/m.K thermal conductivity
- Replacing traditional assembled sheet with phase-change material
- Dispensing can be done through various manual or automatic processes
- It is Soft, can eliminates assembly stress and damping
- After curing, the required thickness can be maintained

## **APPLICATIONS:**

- Semiconductors and radiator
- LED lamps luminaries, automotive and consumer electronics
- Being dispensed or directly coated by all kinds of thickness and shape
- High performance CPU and display card processor

## **APPLICATION METHODS:**

• Two component thermal conductive gel can be used in various ways, including automatic dispensing and manual coating.

The series of products are accord with standards of RoHS、HSF and HALOGEN.

STORAGE CONDITIONS: Storage in the darkness

**STORAGE TEMPERATURE:** ≤ 30 °C **STORAGE HUMIDITY:** ≤ 70%

**SHELF LIFE**: Six months storage conditions; Unqualified for storage conditions: 3 months.

### **PACKING:**

• According to different needs, it can be classified into to 400cc/20L and other capacity by the way of 1:1 perfusion packaging.

**Operating Temperature** 

Tensile strength

Elongation

Tear strength

Dielectric loss

**UL** Certification

Permittivity