

## TH 211-3 Non Silicone Gap Filler

### Description

TH 211-3 is a yellowish, highly filled non-silicone system suitable for thermal dissipation of electronic devices. It has stable pot life and long shelf life even at room temperature of 25°C.

### Applications

Heat dissipation from electronic components.

### Guidelines for Use

1. Wear rubber gloves when handling the product.
2. Pick up the product from the container using hand.
3. Place the product onto the required electronic part and circuit.
4. No heating nor curing is required.
5. The product can be applied and removed easily. Care must be taken during installation to avoid tearing.

### Properties

| Property              | Test Method   | Unit                             | Typical Value   |
|-----------------------|---------------|----------------------------------|-----------------|
| Chemical type         | -             | -                                | Non-silicone    |
| Appearance            | PEN 10        | -                                | Yellowish White |
| Surface tack          | -             | -                                | One side tacky  |
| Shelf life, 25°C      | PEN 26        | Month                            | 12              |
| Operating temperature | PEN 92        | °C                               | -40 to 125      |
| Tensile strength      | PEN 92        | kg/cm <sup>2</sup>               | 4.0 – 6.0       |
| Elongation            | PEN 92        | %                                | > 80            |
| Hardness              | PEN 29        | Shore 00                         | 50              |
| Viscosity             | PEN 44        | cP                               | Pad             |
| Thermal conductivity  | ISO/DIS 22007 | Wm <sup>-1</sup> K <sup>-1</sup> | 0.7             |
| Density               | PEN 14        | g/cm <sup>3</sup>                | 1.5             |

### Storage

Store this non-silicone gap filler in an air tight container in a cool (20°C to 30°C) and dark place to prolong shelf life. Avoid contact with moisture.

### Packaging & Dimension

- Sheet form
- Will provide customized dimension if required

### Environment, Health & Safety

This product is RoHS compliant. It does not contain any known carcinogenic, mutagenic or teratogenic components.

### Contact Information

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