

**Features and Benefits**

- 9.0W/m-K thermal conductivity
- Excellent thermal conductivity
- High tackiness
- Never dries
- RoHS compliant
- Halogen-free

OU-809P Spec01 is a high Compressible Gap Filler (Putty Type) with high performance thermally conductive compound and will not dry out. The surface consistency is excellent for filling surface irregularities as OU-809P Spec01 is Sheet structure, which is convenient to use.

OU-809P Spec01 provides a cost effective solution for application where rapid heat transfer from heat source to spreader is required.

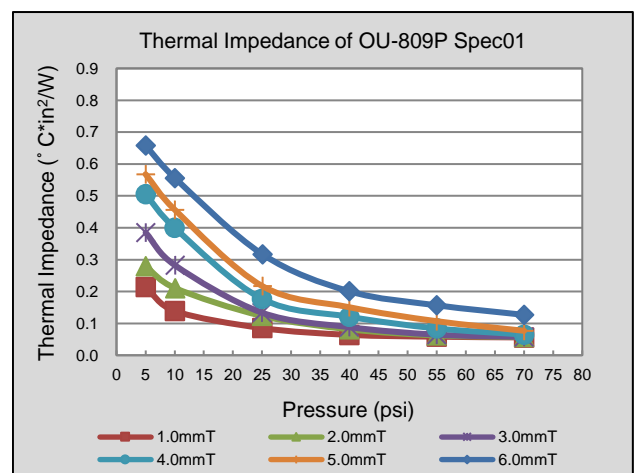
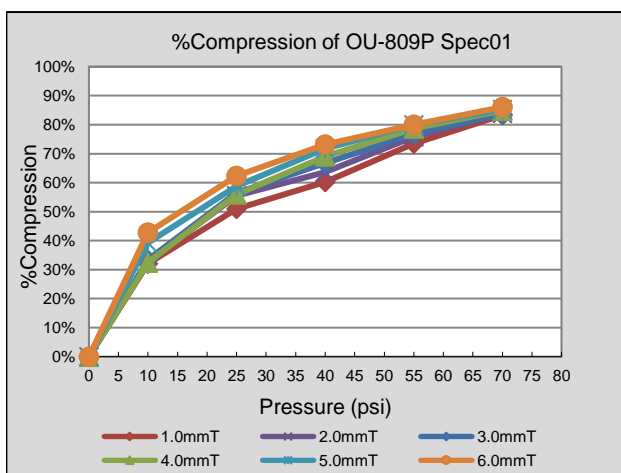
OU-809P Spec01 is RoHS compliant and halogen-free, offering extra reassurance in applications which hazardous substances are forbidden.

**Typical Applications**

- Heat source to spreader/sink in computer and peripherals
- Power conversion equipments
- Cooling components to the chassis, frame or other types of heat spreader
- Wireless communication hardware
- Automotive control units
- Power supply
- Audio and video component
- Micro processor

| Typical Properties                                         | OU-809P Spec01                                         | Test Method           |
|------------------------------------------------------------|--------------------------------------------------------|-----------------------|
| Construction & Composition                                 | Silicone-based putty                                   | —                     |
| Color                                                      | Gray                                                   | Visual                |
| Thickness Range /inch (mm)                                 | 0.04"~0.40" (1.0~10.16)<br>in 0.01" (0.254) increments | —                     |
| Standard Sheet Size(mm)                                    | 200 * 400                                              | —                     |
| Density (g.cm <sup>-3</sup> )                              | 3.4                                                    | —                     |
| Thermal Conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> ) | 9                                                      | ASTM D5470 (modified) |
| Breakdown Voltage (KV/mm)                                  | 10                                                     | ASTM D149             |
| Dielectric Strength (KVac/mm)                              | N/A                                                    | ASTM D149             |
| Temperature Range (°C)                                     | -40~180°C                                              | —                     |
| UL Flammability Rating                                     | UL94 V0                                                | —                     |
| Shelf Life /Months                                         | 12                                                     | —                     |

Please contact us for other special requirements



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