



OU-802 is a high performance thermally conductive compound and will not dry out. It has low viscosity for easy and neat application; and can be used for application involving auto-dispensing equipments or stencil screen-printing.

The proprietary formulation of OU-802 makes for its good thermal conducting performance. Together with its superior wetting properties in filling surface irregularities, OU-802 provides a cost effective solution for application where rapid heat transfer from heat source to spreader is required.

OU-802 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

| Features and Benefits | Typical Applications | Optional Configurations |
|---|--|--|
| <ul style="list-style-type: none"> • 3.5W/m-K thermal conductivity • Excellent thermal conductivity • Never dries • RoHS compliant • Halogen-free • Suitable for auto-dispensing and screen printing applications | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Cartridge packaging forms can be arranged upon request |

| Typical Properties | OU-802 | Test Method |
|---|----------------------|----------------------------------|
| Construction & Composition | Silicone-based putty | — |
| Color | White | Visual |
| Density (g.cm ⁻³) | 3.0 | — |
| Flow Rate [g/min, 30cc syringe under 90psi] | 22 | — |
| Temperature Range (°C) | -40~180°C | — |
| Dielectric Strength (Vac/mm) | >5000 | ASTM D149 |
| Thermal Conductivity (W.m ⁻¹ .K ⁻¹) | 3.5 | ASTM D5470 (modified) |
| UL Flammability Rating | UL94 V0 | E109346 |
| Thermal Impedance @ 1.0 mmT (°C.in ² /W) | 0.442 | ASTM D5470 (modified) |
| Random Vibration Test/ Sinusoidal Vibration Test/ Mechanical Shock Test | Pass | ETSI 300019-2-4 V2.1.2-1999 T4.1 |
| Shelf Life /Months | 24 | — |

Please contact us for other special requirements

| Container Information | | |
|-----------------------|----------------------|---------------------|
| OU-802 | 0030 | 30cc Taper Tip Tube |
| | Customer Part Number | Customer Container |

Dispenser equipment is required. Please contact us for additional support. Other custom container sizes may be available upon request

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