



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	—
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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