

OU-809P 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 is Sheet structure, which is convenient to use.

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

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

Typical Applications

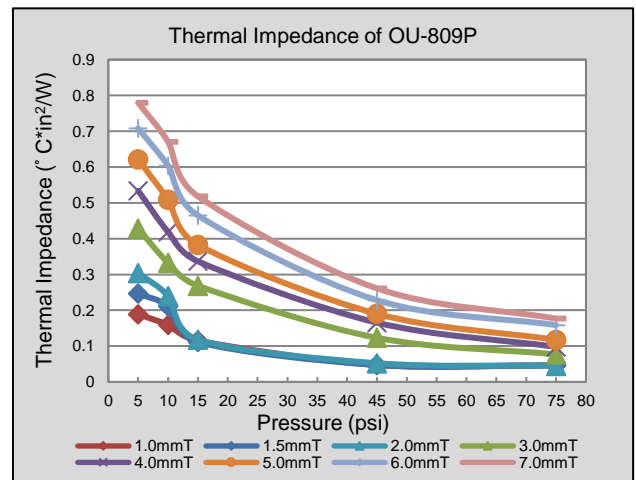
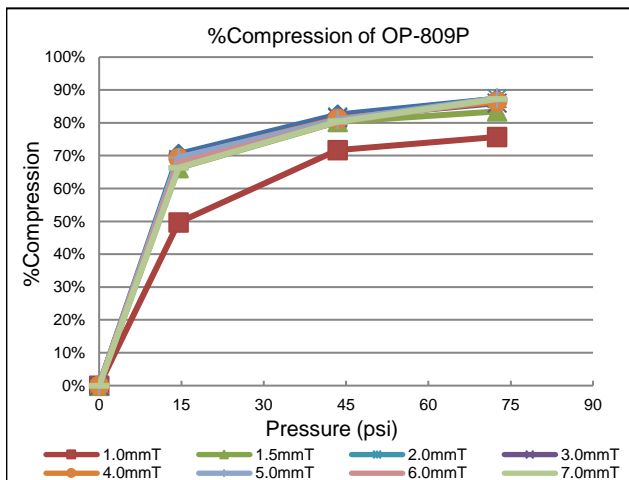
- Heat source to spreader/sink in computer and peripherals
- Power conversion equipments
- Cooling components to the chassis, frame or other types of heat spreader
- Wireless communication hardware
- Automotive control units
- Power supply
- Audio and video component
- Micro processor

Features and Benefits

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

Typical Properties	OU-809P	Test Method
Construction & Composition	Silicone-based putty	—
Color	Gray	Visual
Thickness Range /inch (mm)	0.04"–0.40" (1.0–10.16) in 0.01" (0.254) increments	—
Standard Sheet Size(mm)	200 * 400	—
Density (g.cm ⁻³)	3.4	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	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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