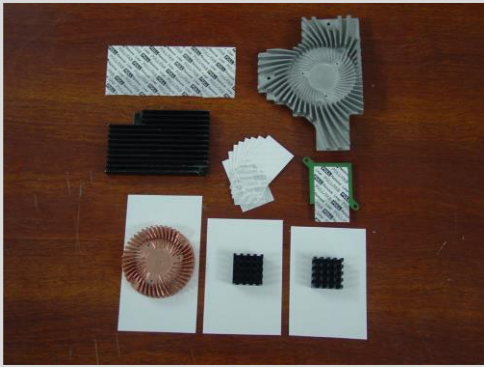


Features and Benefit

- 2.5W/m-K
- Naturally tacky
- Electrically Isolating
- RoHS compliant
- Halogen-free



OC-800 is a thermally conductive phase change material having a softening temperature of 50°C. The liquid phase of the material can fill interface irregularities with much higher efficiency than traditional gap filler. On the other hand, it is a solid at room temperature and can be handled easily during installation.

OC-800 is RoHS compliant and halogen-free. It is naturally tacky and additional adhesive is generally not required.

Typical Application

- Automotive control units
- Power supply
- Audio and video component
- General high pressure interface
- Micro processor

Color

- White – standard color
- Please contact us for other color requirements

Standard Configurations

- Thickness: 0.005~0.02"
- Sheet size: 12" * 16"
- Consult our factory for alternative thicknesses
- OpTIM™ OC-800 may be die cut into individual sizes

Typical Properties/Data

Properties	OC-800 Series	Test Method
Construction & Composition	Phase Change Materials	—
Color	White	Visual
Thickness Range (inch)/(mm)	0.005~0.02" (±0.002) 0.127~0.508mm (±0.05)	—
Specific Gravity (g.cm ⁻³)	1.62	—
Shelf life (months)	12	—
Phase change temperature (°C)	50	DSC Method
Operation Temperature (°C)	-40~130°C	—
Thermal Conductivity (W.m.K ⁻¹)	2.5	ASTM D5470 (Modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.075	ASTM D5470 (Modified)
"Burn-in" temperature (°C)	75°C for 5 minutes	—

Please contact us for other special requirements

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