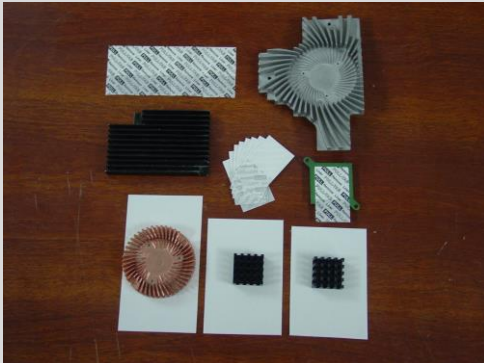


Features and Benefit

- Thermally conductive phase change material
- RoHS compliant
- Halogen-free



OC-9200 is a thermally conductive phase change material coated on aluminum foil having a soften temperature of 50-55°C. The liquid phase of the material can fill interface irregularities with much higher efficiency than traditional gap filler. It is easier to handle since it is a free standing film.

OC-9200 is RoHS compliant and conforms to halogen-free standard. It is available with or without adhesive.

Typical Application

- Discrete power semiconductors
- Power supply modules
- Audio and video component
- General high pressure interface
- Micro processor

Color

- Grey

Standard Configurations

- Thickness: 0.075" (0.2mm)
- Sheet size: 12" x12"
- Please consult us for alternative thicknesses and die-cut options

Optional Configuration

- Adhesive coatings are optional

Typical Properties

| OC-9200 | Typical Data | Test Method |
|---|--|-----------------------|
| Construction & Composition | Phase change materials coated on both sides of aluminum foil | — |
| Color | Grey | Visual |
| Density (g/cm ³) | 1.55 | — |
| Thickness Range (mm) | 0.2mm (±0.05mm) | — |
| Standard coating Thickness per side(mm) | 0.05mm | — |
| Shelf life(months) | 12 | — |
| Phase change temperature range (°C) | 50 °C ~ 55 °C | — |
| Temperature Range (°C) | -40 °C ~ 130 °C | — |
| Thermal Impedance @ 10psi (°C.in ² /W) | 0.028 | ASTM D5470 (Modified) |
| UL Flammability Rating | UL94 VO | — |

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