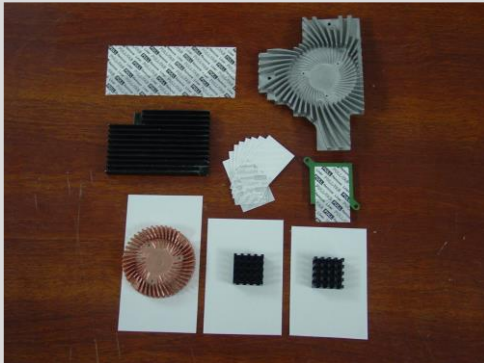


**Features and Benefit**

- 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: 0.01" ~ 0.02"
- Sheet size: 9" x9"
- 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 <sup>3</sup> )	1.55	—
Thickness Range (inch)/(mm)	0.01" ~ 0.02" (±0.002) 0.25 ~ 0.50mm (±0.05)	—
Aluminum foil Thickness (mm)	0.05	—
Shelf life (months)	12	—
Phase change temperature range (°C)	50 ~ 55°C	—
Temperature Range (°C)	-40 ~ 130 °C	—
Thermal Impedance @ 80psi (°C.in <sup>2</sup> /W)	0.06	ASTM D5470 (Modified)
Thermal Conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )	4.5	ASTM D5470 (Modified)

**SEM (North America) Inc.**

Tel: +1 585-643-2000  
 Fax: +1 585-427-7216  
 Address: 1555 Jefferson Road,  
 Rochester, NY 14623

**SEM Belgium bv**

+32 59 560 270  
 Schatting 73,  
 8210 Zedelgem, Belgium

**SEM Asia Ltd.**

+852 2686 8168  
 +852 2686 8268  
 Unit 1, 3/F Block A, New Trade Plaza,  
 6 On Ping Street, Shatin, N.T., Hong Kong

**SEM (Dongguan) Ltd.**

+86-769-8334 1628  
 +86-769-8334 2028  
 No. 8A Qiaoxin Road, Qiaotou,  
 Dongguan, Guangdong, China  
 Postal code 523525

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