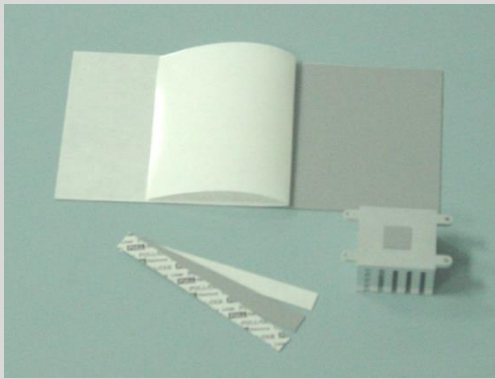


Features and Benefit

- 4.0W/m-K
- High tackiness
- RoHS compliant
- Halogen-free



OC-7300 Spec01 is a thermally conductive phase change material having a softening temperature of 55°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-7300 Spec01 is RoHS compliant and conforms to halogen-free standard. 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

- Grey
- Please contact us for other color requirements

Standard Configurations

- Thickness: 0.005" - 0.02"
- Sheet size: 12" X 16"
- Please consult our factory for alternative thicknesses
- OpTIM™ OC-7300 Spec01 may be die cut into individual sizes

Typical Properties

Properties	OC-7300 Spec01	Test Method
Construction & Composition	Phase change materials	—
Color	Grey	Visual
Thickness Range (inch)/(mm)	0.005~0.02" (±0.002) 0.127~0.508mm (±0.05)	—
Specific Gravity (g.cm ⁻³)	1.8	—
Shelf life (Months)	12	—
Phase change temperature (°C)	55	—
Temperature Range (°C)	-40~130°C	—
Thermal Conductivity (W.m.K ⁻¹)	4.0	ASTM D5470 (Modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.065	ASTM D5470 (Modified)

Please contact us for other special requirements

SEM (North America) Inc.

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

SEM Belgium bv

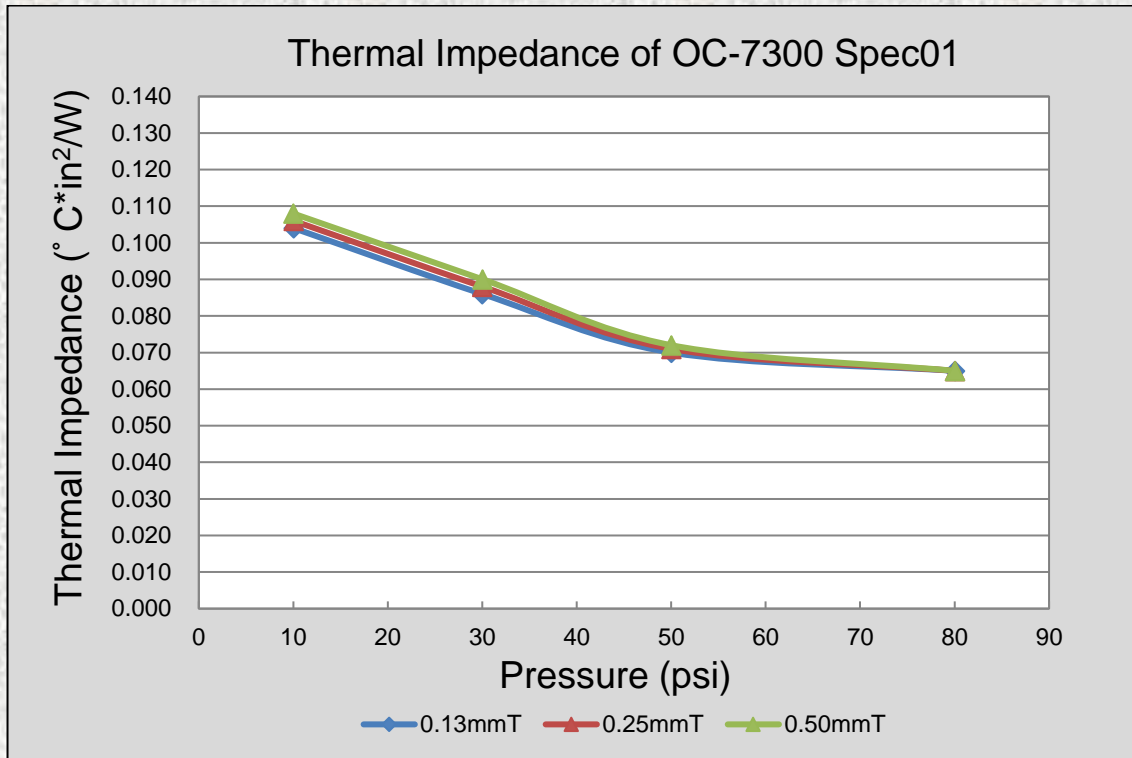
+32 59 560 270
 Schatting 73,
 8210 Zedelgem, Belgium

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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