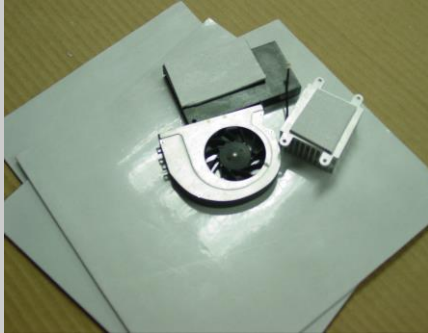


Features and Benefits

- 7.0W/m-K thermal conductivity
- Naturally tacky
- RoHS compliant
- Halogen-free



Typical Applications

- Notebook Computers
- Power conversion equipments
- Power supplies
- Large telecommunication switching hardware

Optional Configurations

- Can be die-cut into other dimensions

The proprietary metal filler formula of OP-9400 offers superior thermal performance with moderate compressibility.

This thermally conductive gap filler is RoHS and halogen-free compliant. It is suitable for applications where high thermal performance and stringent control of hazardous constituents are required.

OP-9400 is naturally tacky. Additional adhesive is generally not required.

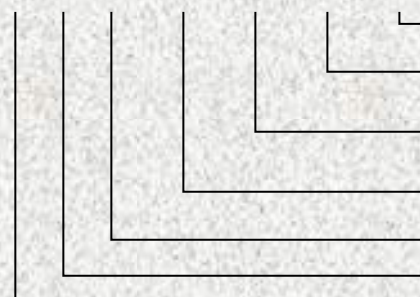
| Properties | OP-9400 Series | Test Method |
|--|---|-----------------------|
| Construction & Composition | Soft silicone elastomer | — |
| Color | Grey | Visual |
| Thickness Range /inch (mm) | 0.02"~0.4" (0.508~10.16) in 0.01" (0.254) increments | — |
| Standard Sheet Size | 9" x 9" | — |
| Density /g.cm ³ | 2.50 | — |
| Hardness /Shore 00 | 60 | ASTM D2240 |
| UL Flammability Rating | UL94 V1 | — |
| Temperature Range /°C | -40°C~200°C | — |
| Thermal Conductivity /W.m ⁻¹ .K ⁻¹ | 7.0 | ASTM D5470 (modified) |
| Volume Resistivity/ Ω.cm | > 4x10 ⁸ | ASTM D257 |
| Shelf Life /Months | 24 | — |

Please contact us for other special requirements

| Carrier Treatment | Criteria |
|-----------------------------------|---------------------------|
| Fiber Glass (FG) | Not Recommended |
| Rubberized Cloth (RC) | Not Recommended |
| Pressure Sensitive Adhesive (PSA) | Not Recommended |
| Detachable Adhesive (DA) | Not Recommended |
| Aluminum Foil (AL) | Not Recommended |
| Kapton (PI) | Not Recommended |
| Talc treatment (DAT) | Optional to all thickness |

Product Code and Descriptions

OP 94 XX - XX - XX - XX - XX



- Dimensions**
 SS = Standard sheet size
 CD = Custom dimensions
- Release Liner**
 ST = Standard
 OT = Other
- PSA**
 00 = No PSA
 A1 = One side
 A2 = Both sides
- Carrier**
 00 = No Carrier
- Thickness (mil)**
 00 = Custom thickness
 04 = 40mil
- 94 = 9400 Series**
OP = OpTIM™ gap filler

SEM (North America) Inc.

Tel: +1 585-643-2000
 Fax: +1 585-427-7216
 Address: 1600 Lexington Ave., Suite 236A,
 Rochester, NY 14606, USA

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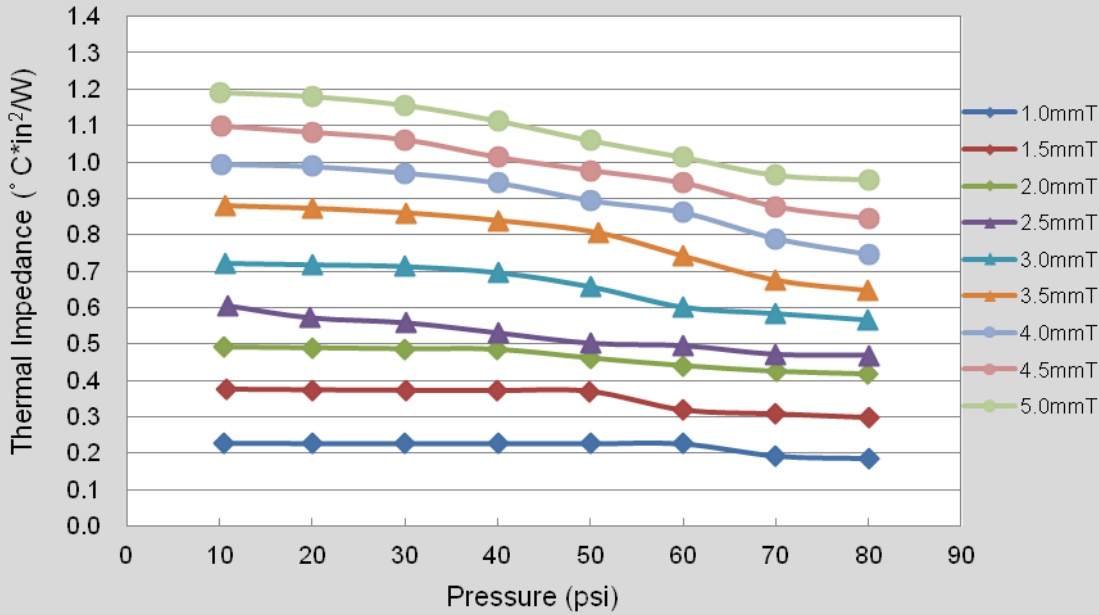
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SEM (Dongguan) Ltd.

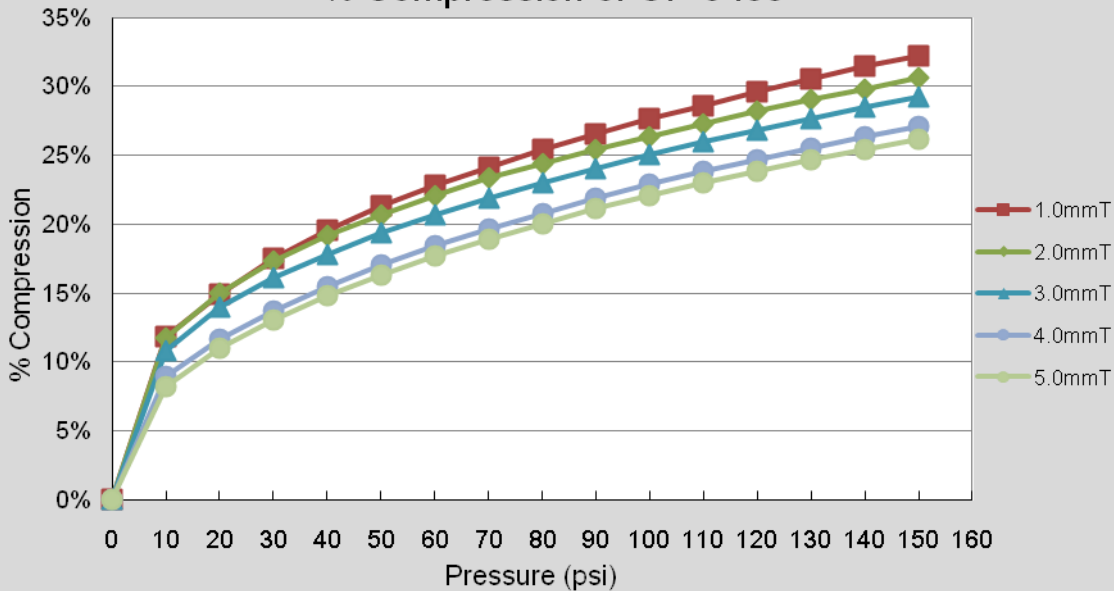
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Specifications and appearances may change without notice. All statements, technical information and recommendations herein are based on tests that we believed to be reliable, but the accuracy and completeness are not guaranteed. Before using, user should determine the suitability of the product for its intended use, and the user assumes all risks and liabilities whatsoever in connection therewith. Neither the seller nor the manufacturer shall be liable for any loss or damage, direct, incidental or consequential, including loss of profits or revenues arising from the use or inability to use the product. Any statements or recommendations shall have no effect unless contained in an agreement signed by authorized personnel of the seller and manufacturer.

Thermal Impedance of OP-9400



% Compression of OP-9400



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