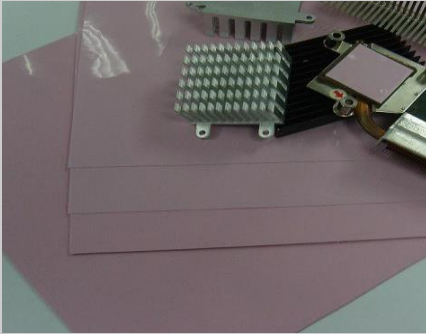


**Features and Benefits**

- 2.0W/m-K thermal conductivity
- Electrically isolating
- RoHS compliant
- Halogen-free



**Typical Applications**

- Cooling component to the chassis, frame, or other type of heat spreader
- Mass storage devise
- Heat pipe assemblies
- RDRAM memory modules
- Motor control
- Telecommunication hardware

**Optional Configurations**

- Can be die-cut into specific dimensions

OP 8400 Spec 06 is a performance-improved derivative of the original OP 8400 gap filler. While retaining its thermal performance, the oil bleeding rate has been drastically reduced. This special feature is benefited from a revised filler and binder matrix.

OP 8400 Spec 06 is electrically non-conductive and conforms to UL94 V0 standard. It is compliant to RoHS standard while maintaining its halogen-free status.

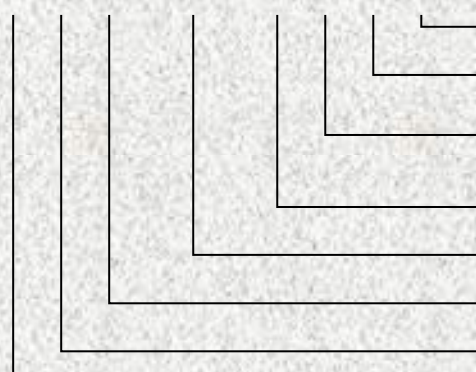
Properties	Typical Data	Test Method
Construction & Composition	Soft silicone elastomer	—
Color	Pink	Visual
Thickness Range /inch (mm)	0.01"~0.40" (0.254~10.16) in 0.01" (0.254) increments	—
Standard Sheet Size	12" x 16"	—
Density /g.cm <sup>-3</sup>	2.2	—
Hardness /Shore 00	40	ASTM D2240
UL Flammability Rating	UL94 V0	—
Temperature Range /°C	-40~200°C	—
Thermal Conductivity W.m <sup>-1</sup> .K <sup>-1</sup>	2.0	ASTM D5470 (modified)
Breakdown Voltage /V	>5000	ASTM D149
Shelf Life /Months	24	—

Please contact us for other special requirements

Carrier Treatment	Criteria
Fiber Glass (FG)	Compulsory for ≤ 0.03" (0.75mm)
Rubberized Cloth (RC)	Not Recommended
Pressure Sensitive Adhesive (PSA)	Not Recommended
Detachable Adhesive (DA)	Optional to ≥ 0.039" (1.0mm)
Aluminum Foil (AL)	Optional to ≥ 0.039" (1.0mm)
Kapton (PI)	Not Recommended
Talc treatment (DAT)	Optional to all thickness

**Product Code and Descriptions**

OP 84 XX Spec 06 -XX -XX -XX -XX



- Dimensions**  
SS = Standard sheet size
- Release Liner**  
ST = Standard  
OT = Other
- PSA**  
A1 = One side  
A2 = Both sides  
OT = Other
- Carrier**  
FG = Fiberglass  
RC = Rubberized Cloth  
CB = Combination  
OT = Other
- Spec 06 = Special Derivative #**
- Thickness (mil)**  
00 = Custom thickness  
04 = 40mil
- 84 = 8400 Series**
- OP = OPTIM™ gap filler**

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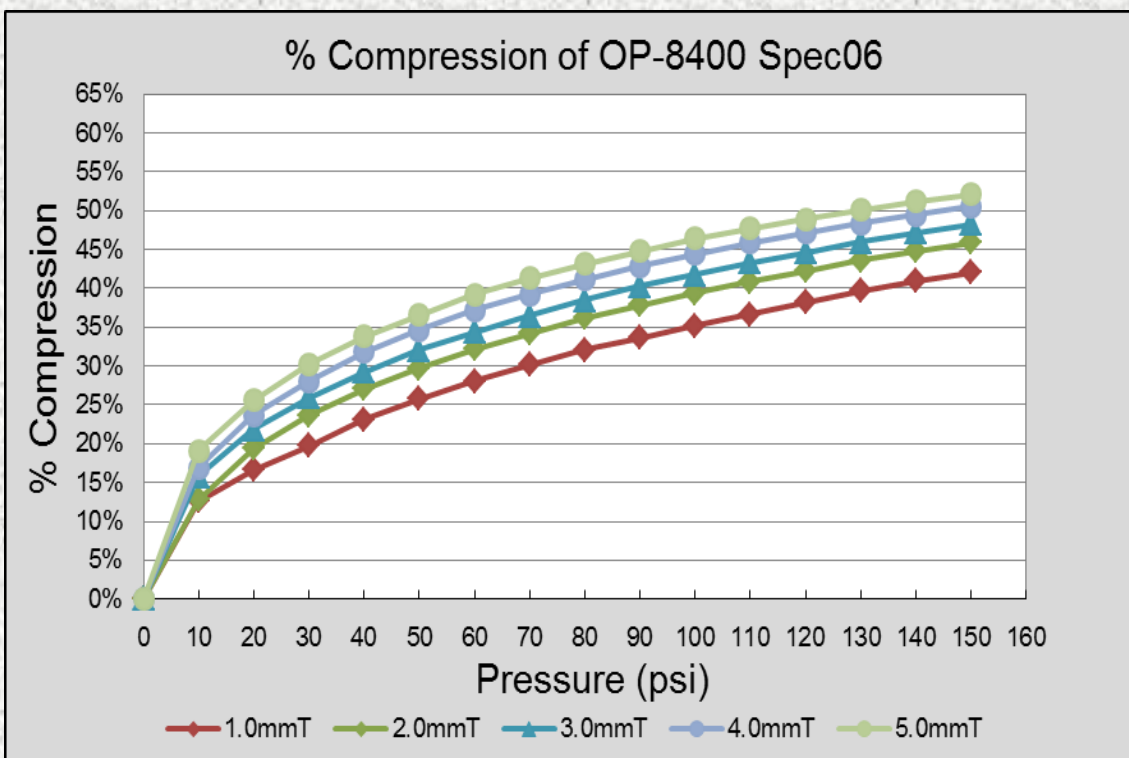
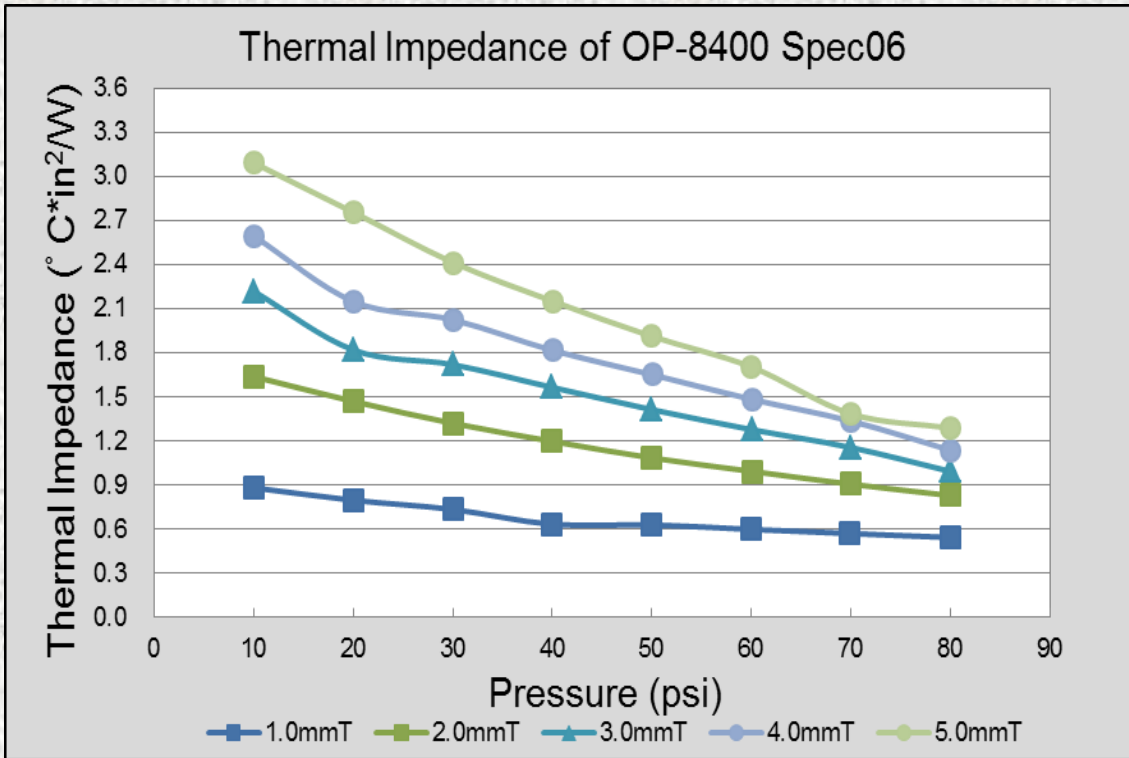
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Specifications and appearances may change without notice. All statements, technical information and recommendations herein are based on tests that we believed to be reliable, but the accuracy and completeness are not guaranteed. Before using, user 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.



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