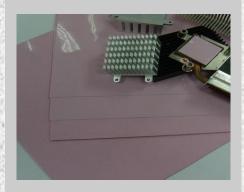


OP-8400 Spec 05

THERMAL CONDUCTIVE GAP FILLER 2.5W/m-K

Features and Benefits

- 2.5W/m-K thermal conductivity
- Improved handling properties
- Naturally tacky



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 05 is a functional derivative of the original OP 8400 series. It exhibits good thermal performance but with much improved handling properties than the normal OP 8400. It is compliant to RoHS standard while maintaining its halogen-free status.

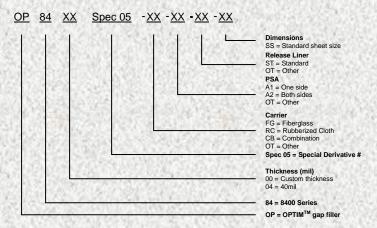
It is electrically non-conductive and naturally tacky. Additional adhesive is generally not required.

Properties	Typical Data	Test Method
Construction & Composition	Soft silicone elastomer	
Color	Pink	Visual
Thickness Range /inch (mm)	0.012"~0.40" (0.3~10.16) in 0.01" (0.254) increments	<u>-</u>
Standard Sheet Size	12" x 16"	
Density /g.cm ⁻³	2.56	<u> </u>
Hardness /Shore 00	20	ASTM D2240
UL Flammability Rating	UL94 V0	
Temperature Range /°C	-40~200℃	
Thermal Conductivity W.m ⁻¹ .K ⁻¹	2.5	ASTM D5470 (modified)
Breakdown Voltage /V	>5000 (Thickness ≤ 0.03")	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



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SEM (Dongguan) Ltd.

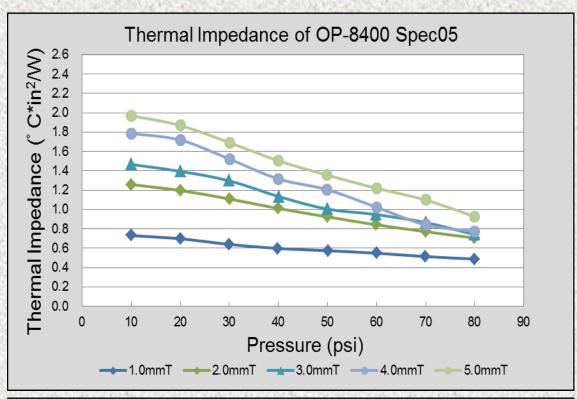
+86-769-8334 1628 +86-769-8334 2028 No. 8A Qiaoxin Road, Qiaotou, Dongguan,Guangdong, China Postal code 523525

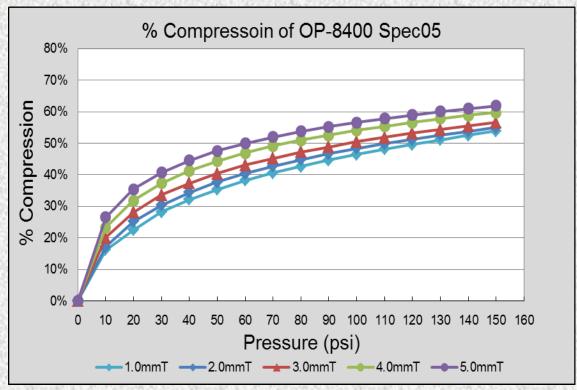
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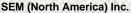


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