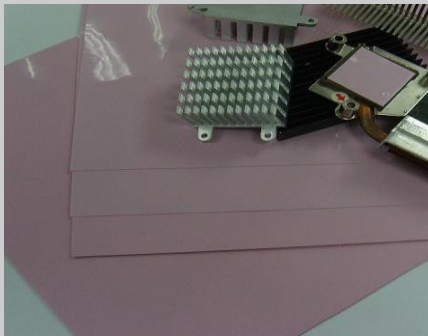


Features and Benefits

- 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 device
- 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.

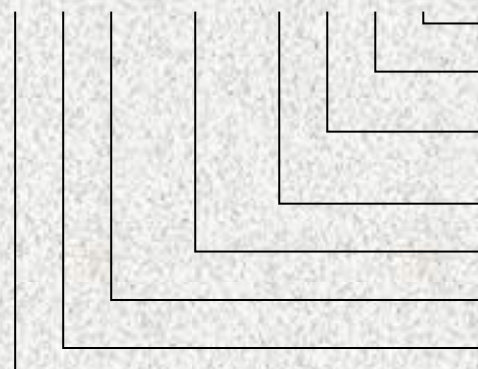
Properties	Typical Data	Test Method
Construction & Composition	Soft silicone elastomer	—
Color	Pink	Visual
Thickness Range /inch (mm)	0.012"~0.40" (0.3~10.16) in 0.01" (0.254) increments	—
Standard Sheet Size	12" x 16"	—
Density /g.cm ⁻³	2.56	—
Hardness /Shore 00	20	ASTM D2240
UL Flammability Rating	UL94 V0	—
Temperature Range /°C	-40~200°C	—
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

OP 84 XX Spec 05 -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 05 = Special Derivative #

Thickness (mil)
00 = Custom thickness
04 = 40mil

84 = 8400 Series
OP = OPTIM™ gap filler

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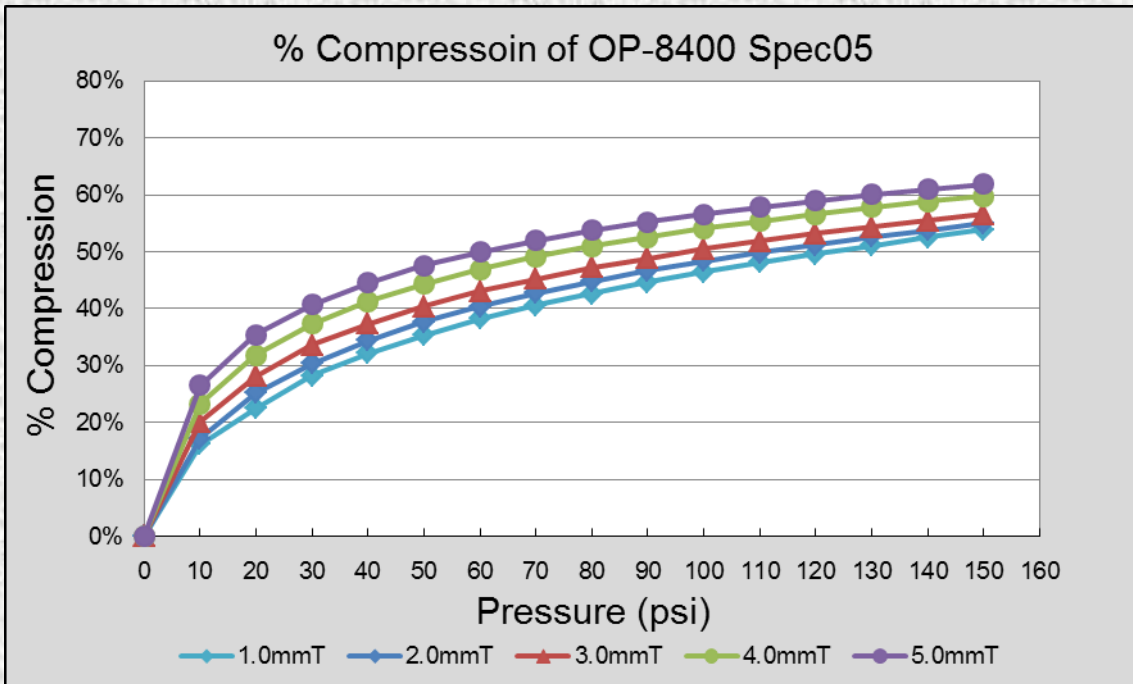
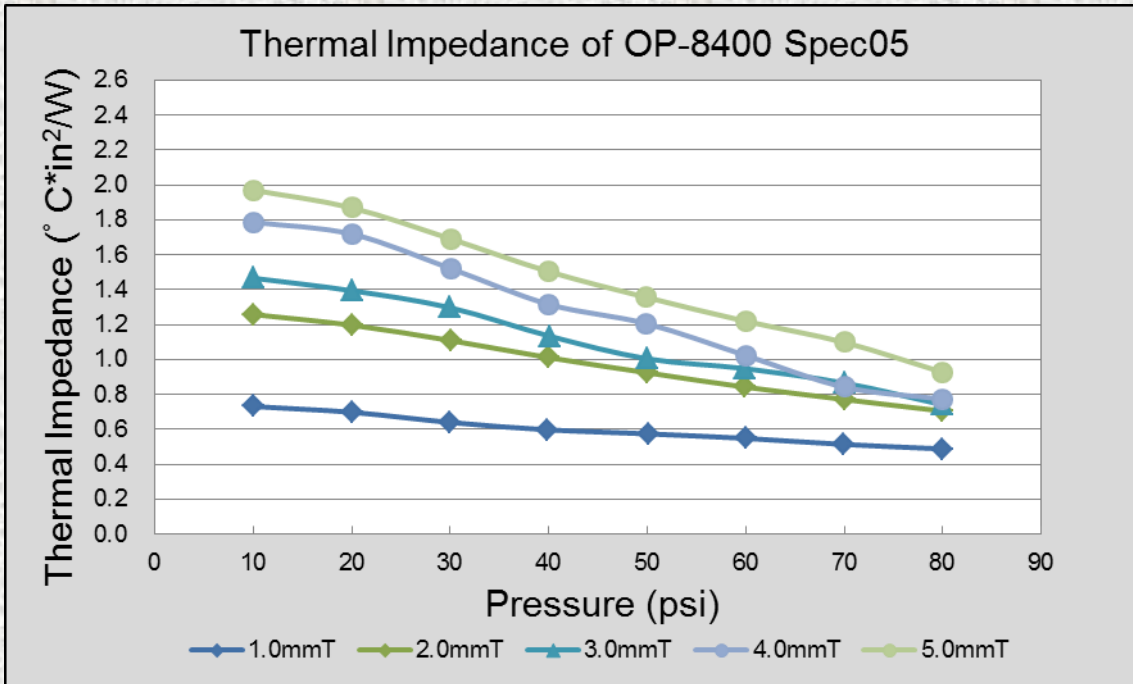
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