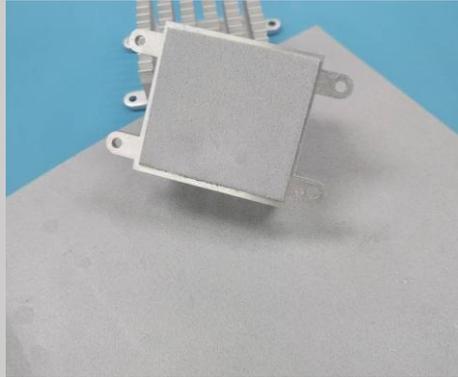


Features and Benefits

- Superior thermal performance
- 12 W/m-K thermal conductivity
- Electrically isolating
- Natural tack
- Cost Effective
- RoHS compliant
- Halogen -free



Typical Applications

- Notebook Computers
- Handheld Portable Electronics
- Micro Heat Pipe assemblies
- Micro Processors, Memory Chips and Graphic Processors
- Motor Control
- Wireless Communication Hardware

Optional Configurations

- Can be die-cut into specific dimensions

OP-8200 Spec 10 offers good thermal performance and exceptional conformability. This material conforms to surface irregularities under low application pressures. It is electrically non-conductive and naturally tacky. Additional adhesive is generally not required.

The proprietary formulation of OP-8200 Spec 10 is RoHS compliance and halogen-free, providing extra reassurance in applications where hazardous substances are forbidden.

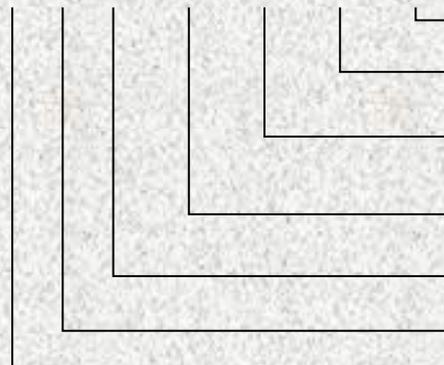
Properties	OP-8200 Spec 10	Test Method
Construction & Composition	Soft silicone elastomer	—
Color	Light Grey	Visual
Thickness Range /inch (mm)	0.02"~0.20" (0.508~5.08) in 0.01" (0.254) increments	—
Standard Sheet Size	9" x 9"	—
Density /g.cm ⁻³	3.2	ASTM D792
Hardness /Shore 00	50	ASTM D2240
UL Flammability Rating	UL94 V0	UL
Temperature Range /°C	-40°C~125°C	—
Thermal Conductivity W.m ⁻¹ .K ⁻¹	12	ASTM D5470 (modified)
Volume Resistivity /ohm.cm	2.3 x 10 ¹²	ASTM D257
Breakdown Voltage /(KV/mm)	>8	ASTM D149
Shelf Life /Months	12	—

Please contact us for other 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
Aluminium Foil (AL)	Not Recommended
Kapton (PI)	Not Recommended
Talc treatment (DAT)	Not Recommended

Product Code and Descriptions

OP 82 XX - XX - XX - XX - XX



Dimensions
SS = Standard sheet size
CD = Custom dimensions

Release Liner
ST = Standard
OT = Other

PSA
A1 = One side
A2 = Both sides
OT = Other

Carrier
FG = Fiberglass
CB = Combination
OT = Other

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

82 = 8200 Series

OP = OpTIM™ gap filler

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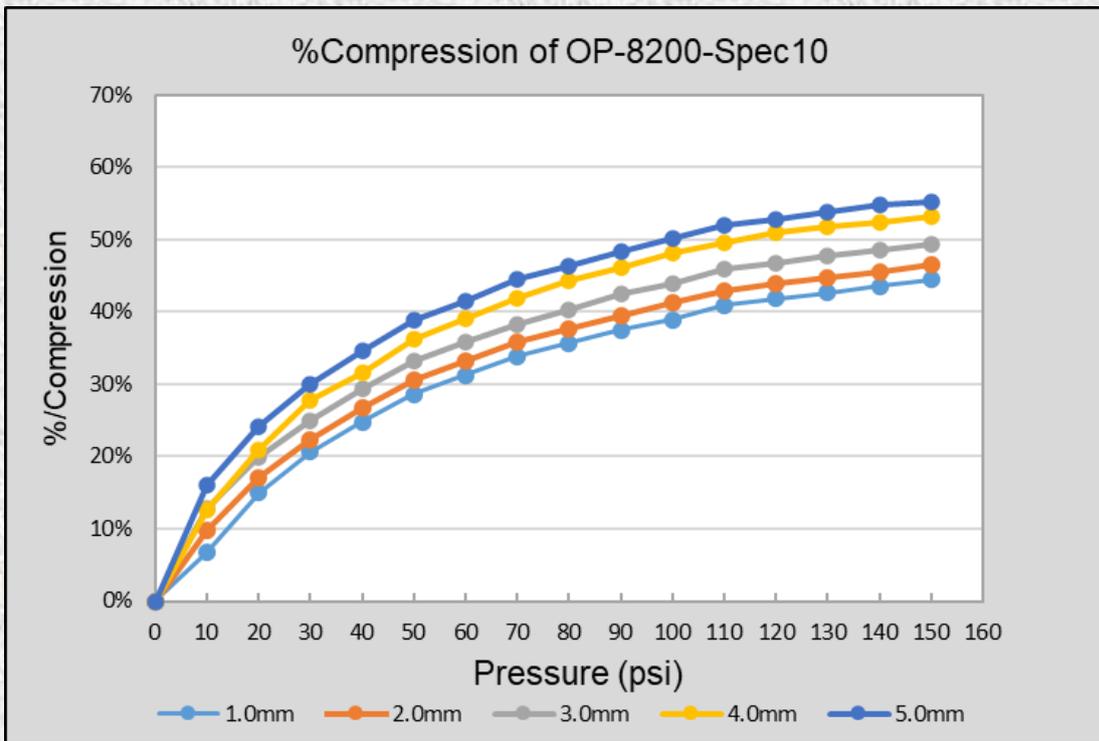
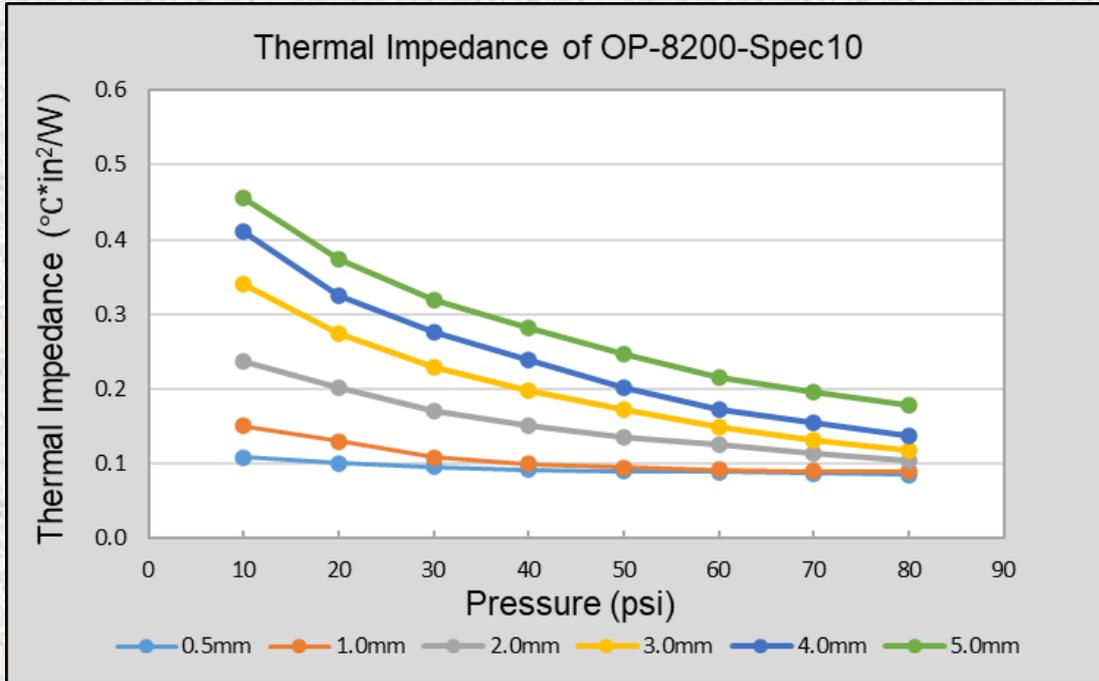
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