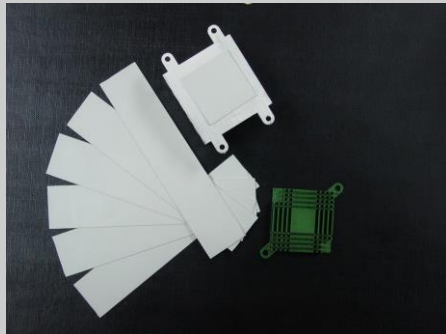


Features and Benefits

- 3.2W/m-K thermal conductivity
- Superior compressibility
- RoHS compliant
- Halogen-free
- Naturally tacky
- Electrically isolating



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-8700 has good thermal performance and is highly compressible. It can blanket highly uneven surfaces and is suitable for applications where low applied pressure is required.

Its RoHS compliant and halogen-free status provides extra assurance for applications that are sensitive to hazardous substances.

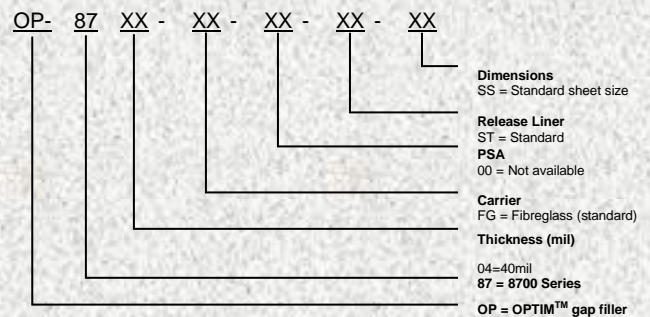
In addition, OP-8700 is electrically non-conductive and naturally tacky. Additional adhesive coating is generally not required.

Properties	OP-8700 Series	Test Method
Construction & Composition	Reinforced Soft silicone elastomer	—
Color	White	Visual
Thickness Range /inch (mm)	0.02"~0.40" (0.508~10.16) in 0.01" (0.254) increments	—
Standard Sheet Size	12" x 16"	—
Density /g.cm ⁻³	1.36	—
Hardness /Shore 00	45	ASTM D2240
Temperature Range /°C	-40~200°C	—
Thermal Conductivity /W.m ⁻¹ .K ⁻¹	3.2	ASTM D5470 (modified)
Breakdown Voltage /V	>3000 (Thickness ≤ 0.02") >5000 (Thickness > 0.02")	ASTM D149
Shelf Life /Months	24	—

Please contact us for other special requirements

Carrier Treatment	Criteria
Fiber Glass (FG)	Compulsory for all thickness
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)	Not Recommended

Product Code and Descriptions



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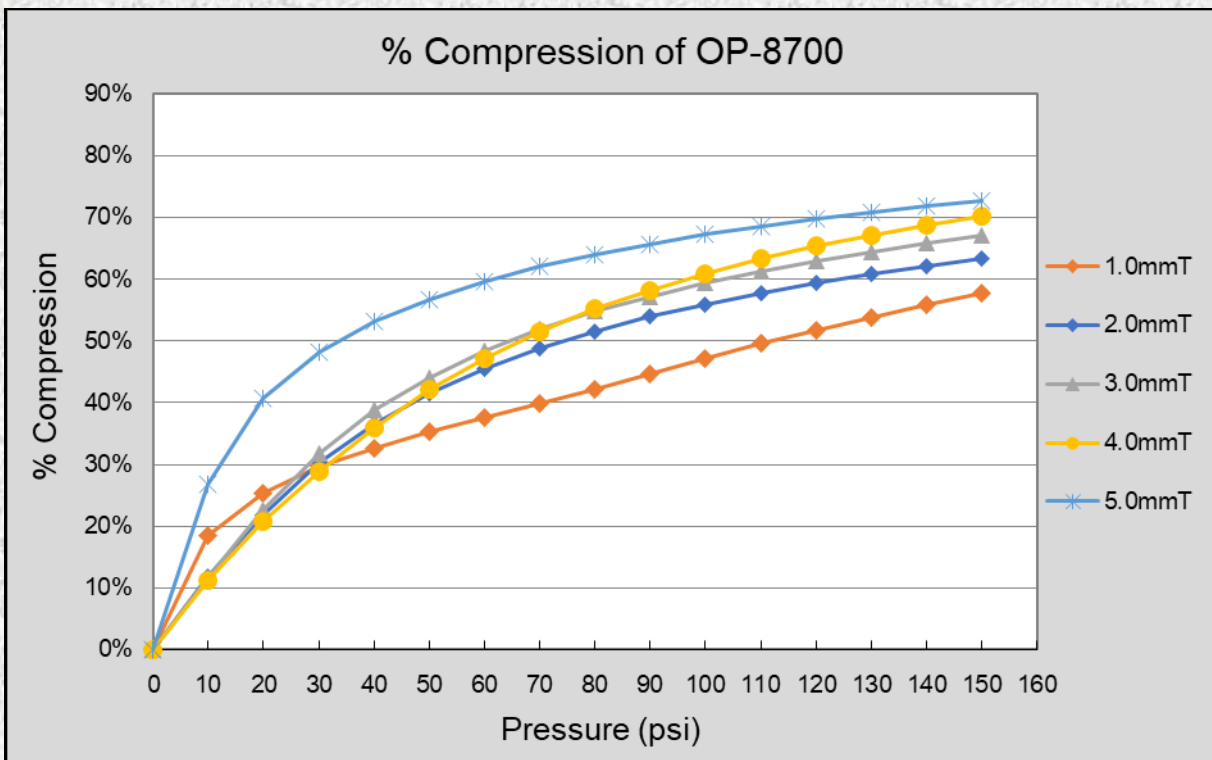
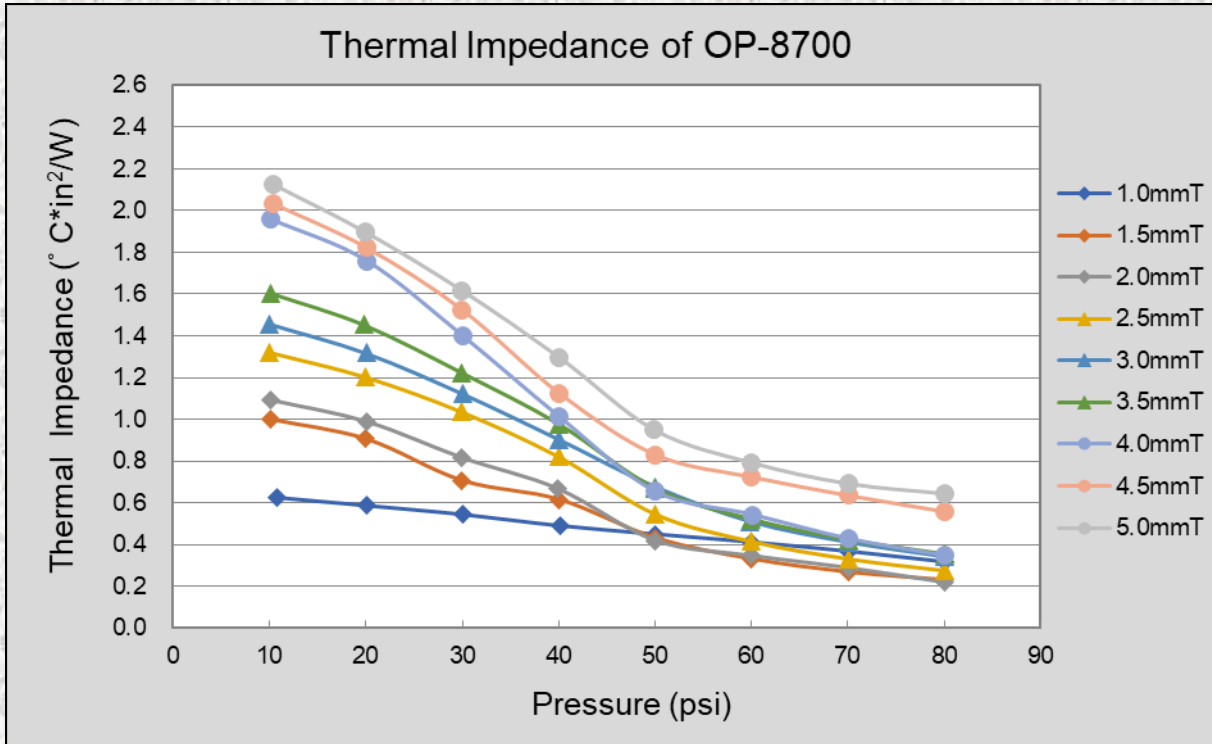
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