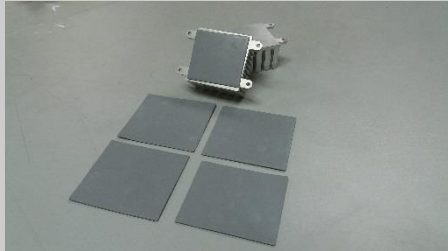


Features and Benefits

- 3.0W/m-K thermal conductivity
- Good compressibility
- Non-silicone gap pad
- 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-6300 offers moderate thermal performance and low oil-bleeding properties. This material conforms to surface irregularities under low application pressures. It is exceptionally soft and is suitable for applications that require moderate thermal performance.

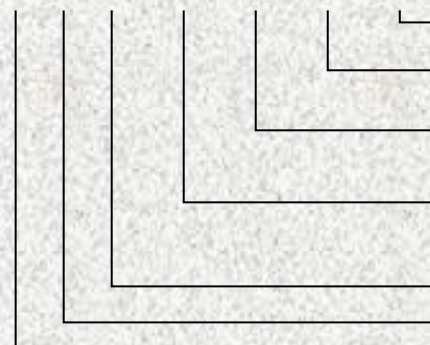
The non-silicone formulation of OP-6300 is RoHS compliant and Halogen-free, providing extra reassurance in applications where hazardous substances are forbidden.

Properties	OP-6300	Test Method
Construction & Composition	Non-silicone elastomer	—
Color	Dark 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	3.0	—
Hardness /Shore 00	50	ASTM D2240
Tensile Strength /psi	10	ASTM D412
UL Flammability Rating	UL94 V0	—
Temperature Range /°C	-40~125°C	—
Thermal Conductivity W.m ⁻¹ .K ⁻¹	3.0	ASTM D5470 (modified)
Breakdown Voltage /V	>5000	ASTM D149 (modified)
Volume Resistivity /ohm.cm	1.0 x 10 ¹³	ASTM D257
Dielectric Constant @ 1MHz	9	ASTM D150
Siloxane Volatiles	0	GC-FID
Shelf life	12 months	—
Please contact us for other requirements		

Product Code and Descriptions

Carrier Treatment	Criteria
Fiber Glass (FG)	Not Recommended
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

OP 63 XX - XX - XX - XX - XX



- Dimensions**
SS = Standard sheet size
CD = Custom dimensions
- ReleaseLiner**
ST = Standard
OT = Other
- PSA**
A1 = One side
A2 = Both sides
OT = Other
- Carrier**
FG = Fiberglass
RC=Rubberized Cloth Carrier
CB = Combination
OT = Other
- Thickness(mil)**
00 = Custom thickness
04 = 40mil
- 63 = 6300 Series**
OP = OpTIM™ gap filler

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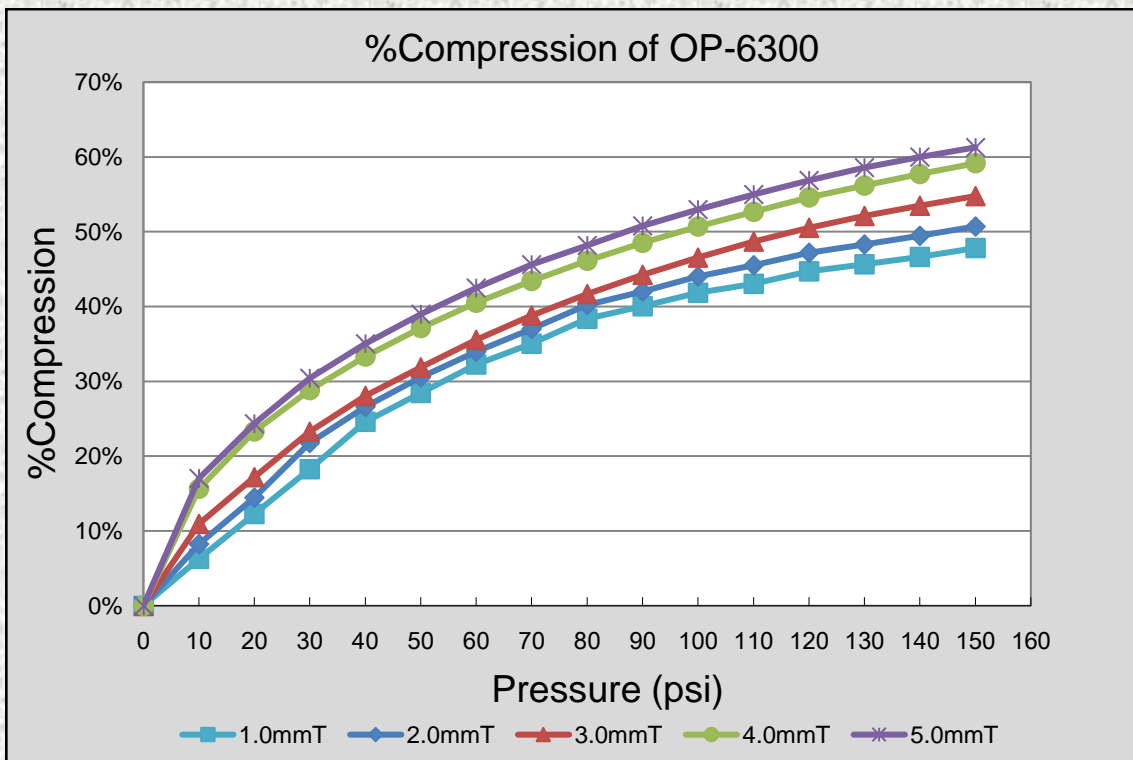
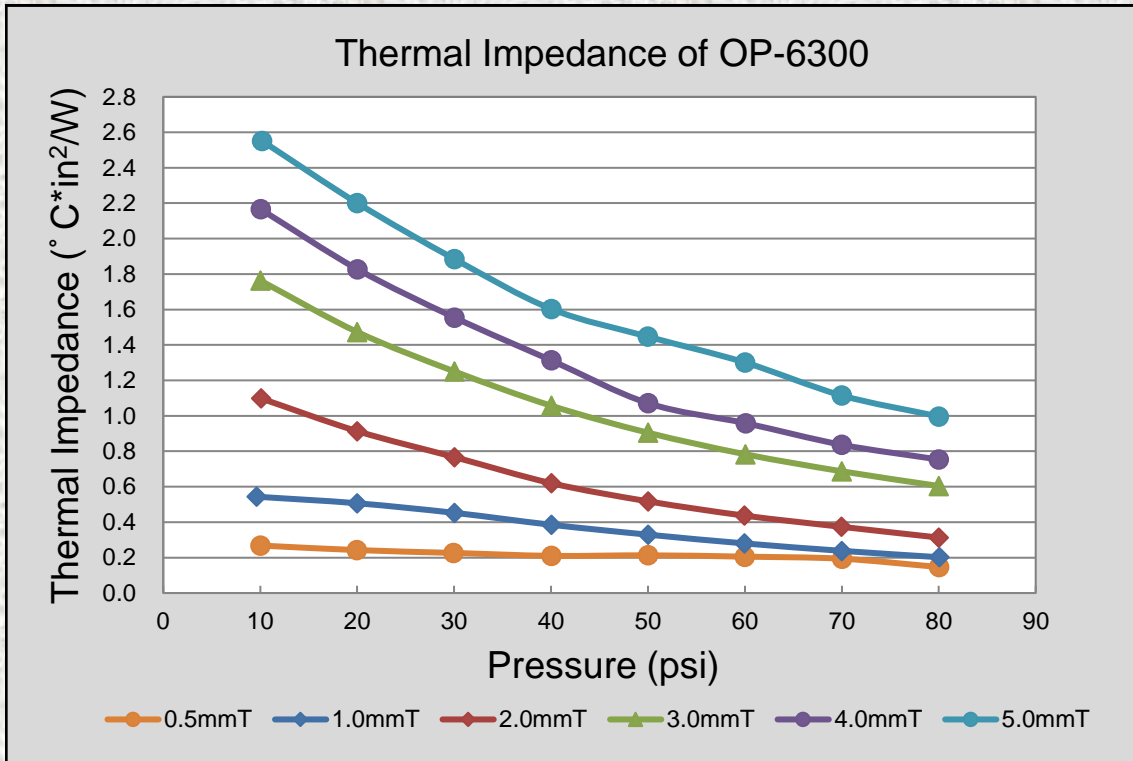
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