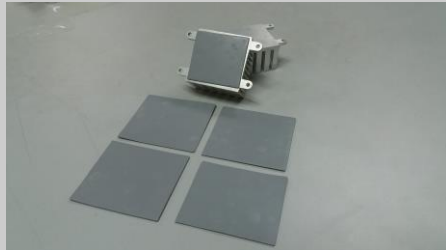


**NON-SILICONE THERMAL CONDUCTIVE GAP FILLER 3.0W/m-K**

**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 device
- Heat pipe assemblies
- RDRAM memory modules
- Motor control
- Telecommunication hardware

**Optional Configurations**

Can be die-cut into specific dimensions

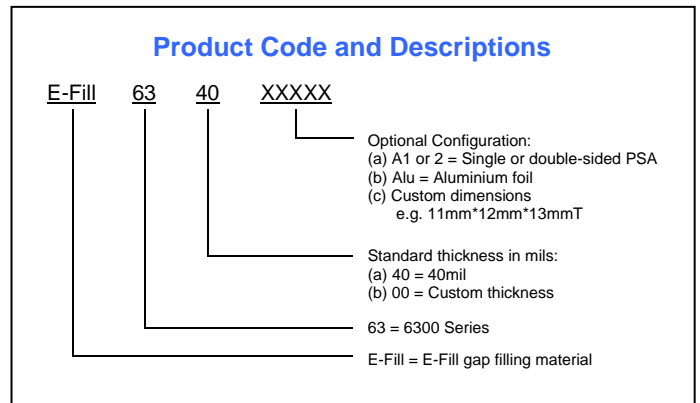
E-Fill 6300 offers moderate thermal performance and low oil-bleeding properties. This material conforms to surface irregularities under low application pressures. It is exceptionally soft and is suitable for applications that require moderate thermal performance.

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

Properties	E-Fill 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 <sup>3</sup>	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 <sup>-1</sup> .K <sup>-1</sup>	3.0	ASTM D5470 (modified)
Breakdown Voltage /V	>5000	ASTM D149
Volume Resistivity /ohm.cm	1.0 x 10 <sup>13</sup>	ASTM D257
Dielectric Constant @ 1MHz	9	ASTM D150
Siloxane Volatiles	0	GC-FID
Shelf life	12 months	—

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
Aluminum Foil (AL)	Not Recommended
Kapton (PI)	Not Recommended
Talc treatment (DAT)	Not Recommended

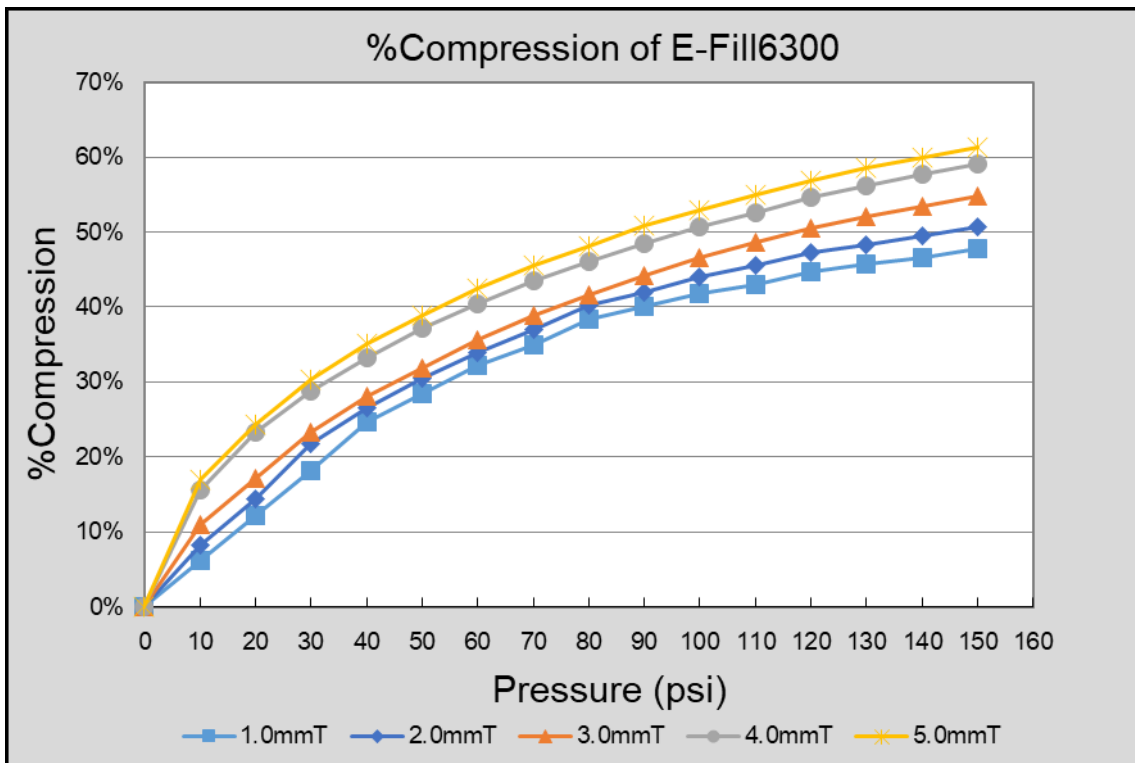
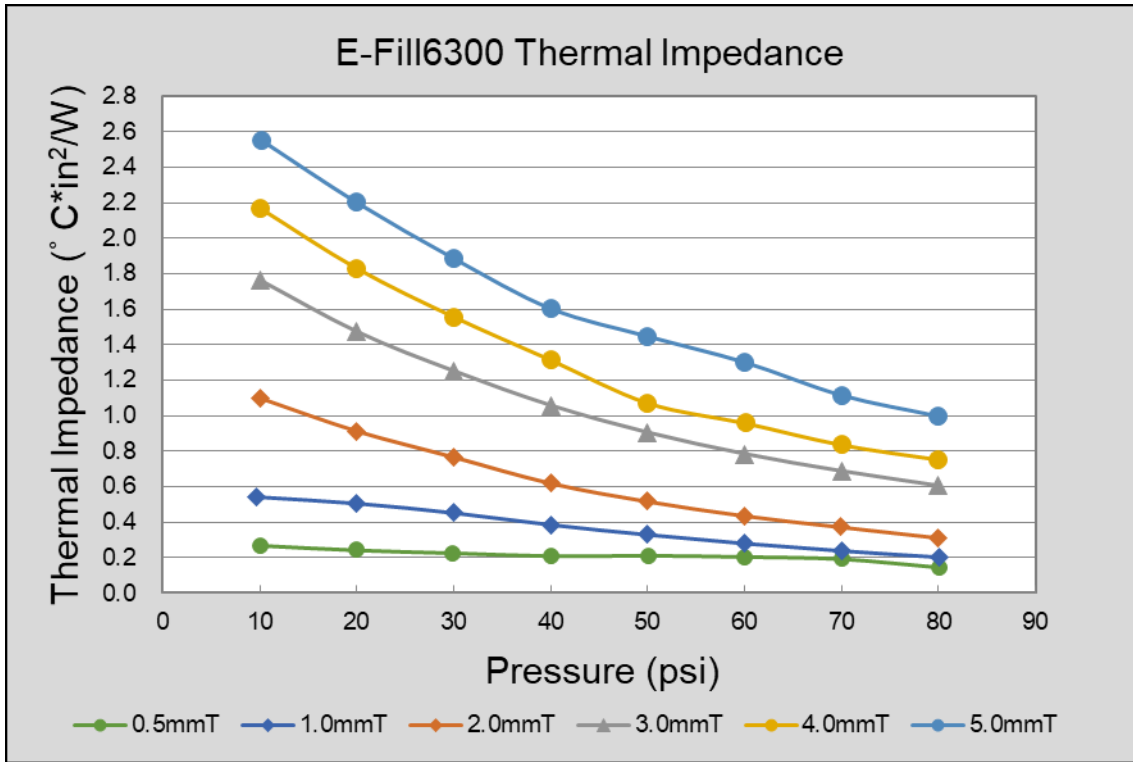


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