



**THE DATASHEET OF  
TG-A1250-150-150-1.0**





# TG-A1250

## Ultra Soft Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

### Features

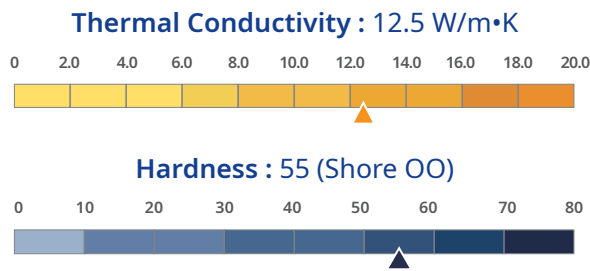
- High thermal conductivity
- Low thermal impedance
- High compressibility
- Good electrical insulation

### Application:

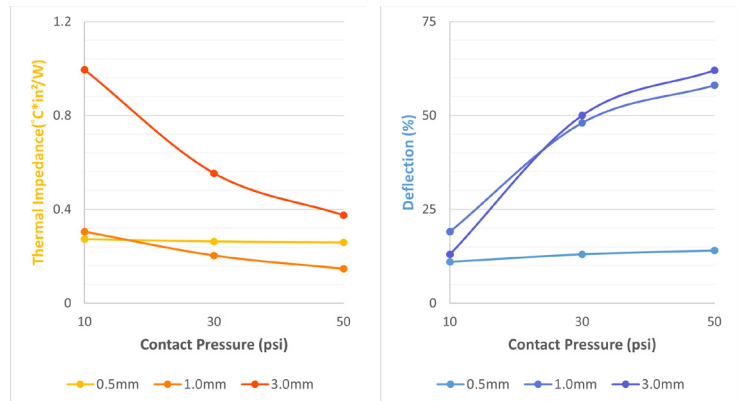
Best for high power applications

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### Properties



### Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-A1250	Tolerance	Test Method
Thermal Conductivity	W/m·K	12.5	±10%	ASTM D5470 Modified
Thickness	mm	0.5~8.0	-	ASTM D374
	inch	0.0197~0.3149	-	ASTM D374
Color	-	Green	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV/mm	≥10	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm <sup>3</sup>	3.3	±5%	ASTM D792
Operating Temperature	°C	-50~+180	-	-
Volume Resistivity	Ohm-m	1 × 10 <sup>13</sup>	-	ASTM D257
Elongation	%	40	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	55	±10	ASTM D2240

- ※For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production
- ※Different tolerances according to the selected thickness
- ※Die-cut for different shapes

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