



# TG-A1250LC

## High Performance Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

### Features

- Great thermal conductivity
- Difficult to be deformed
- Easy to assemble
- One side low tack

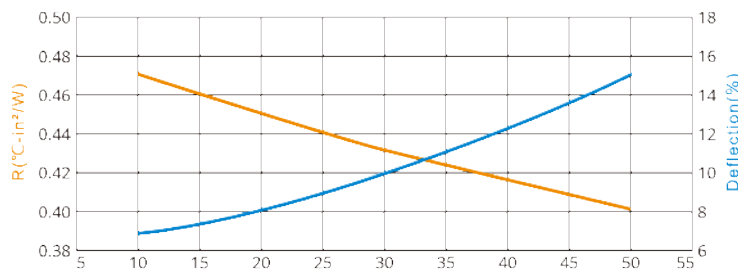
### Applications

Best for low and medium power applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

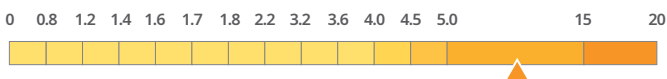
### Properties

Thermal Resistance vs. Pressure vs. Deflection

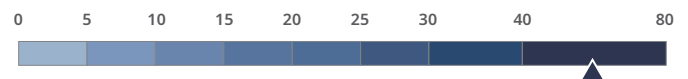


Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	0.471	7
30	0.433	10
50	0.401	15

Thermal Conductivity : 10 W/mK



Hardness : 60 (Shore 00)



Properties	TG-A1250LC	Unit	Tolerance	Test Method
Thermal Conductivity	10	W/mK	±10%	ASTM D5470
Thickness	1.0~4.0	mm	-	ASTM D374
	0.0394~0.1574	inch	-	ASTM D374
Color	Pad-Green / LC-Green	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥6	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.3	g/cm³	-	ASTM D792
Working Temperature	-50~+180	°C	-	-
Volume Resistance	1 × 10 <sup>10</sup>	Ohm-m	-	ASTM D257
Elongation	40	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	60	Shore 00	±10	ASTM D2240

※Different tolerances according to the selected thickness  
 ※Pre-cut for different shapes

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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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