



# L37-3 / TG-AL373

## Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

### Features

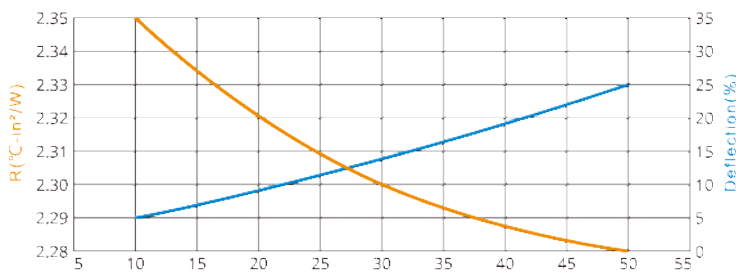
- Base materials are silicone with fiberglass
- One side with natural tack and the other side with smooth
- Surface won't be deformed when being pulled
- High voltage resistance

### 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

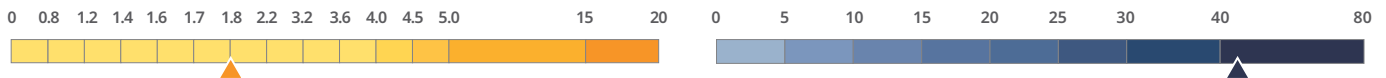
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	2.35	5
30	2.30	14
50	2.28	25

Thermal Conductivity : 1.8 W/mK

Hardness : 45 (Shore 00)



Properties	L37-3 / TG-AL373	Unit	Tolerance	Test Method
Thermal Conductivity	1.8	W/mK	±10%	ASTM D5470
Thickness	0.3~20.0	mm	-	ASTM D374
	0.0118~0.787	inch	-	ASTM D374
Color	Yellow	-	-	Visual
Reinforcement Carrier	Fiberglass Mesh	-	-	-
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥10.2	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.17	g/cm³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-m	-	ASTM D257
Tensile strength	66.4	kgf/cm²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	45	Shore 00	±10	ASTM D2240

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

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