

# L37-5

## Thermal Pad



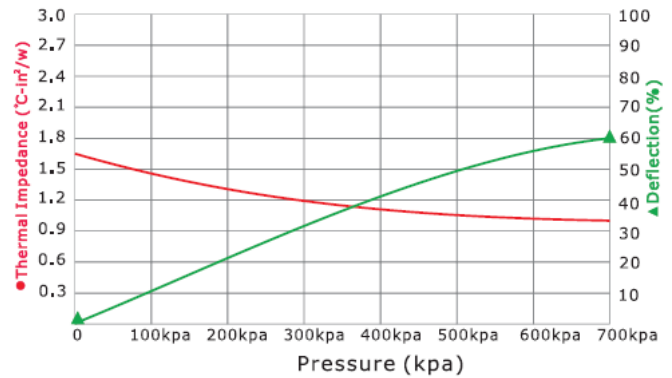
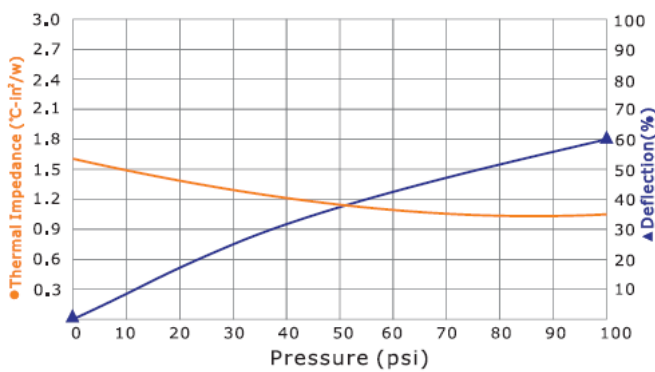
### Features

- Good thermal conductivity
- Ultra soft and high compressibility
- Natural tack
- Easy to assemble
- Good insulator
- Shock & vibration absorber

### Applications

- Electronic components: IC, CPU, MOS
- LED, M/B, P/S, Heat Sink,
- LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
- DDR II Module, DVD Applications, Hand-set applications.....etc

### Thermal Resistance VS. Pressure VS. Deflection

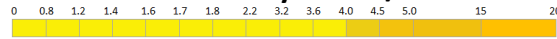


### Properties

✓ REACH Compliant

✓ RoHS Compliant

**Thermal Conductivity: 1.6 W/m.K**



**Hardness: 25 (Shore A)**



Testing sample thickness: 1.0mm

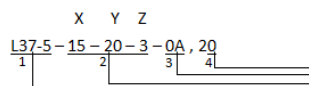
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-5 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. L37-5 provides good compliance and softness.

Properties	L37-5	Unit	Tolerance	Test Method
Color	Gray	-	-	Visual
Thickness	0.3~20	mm	-	ASTM D374
(the thickness can be ordered)	0.0118~0.787	inch	-	ASTM D374
Thermal Conductivity	1.6	W/m.k	±0.16	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>10	kV/mm	±1	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.38	g/cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 <sup>12</sup>	Ohm-cm	-	ASTM D257
Elongation	300	%	±0.2	ASTM D412
Tensile Strength	12	Kgf/cm <sup>2</sup>	±5	ASTM D412
Standard Shape	-	Sheet ones	-	-
Hardness	25	Shore A	±5	ASTM D2240

Need samples?



Available to apply adhesive



Pre-cut for different shapes

1. Choose the P/N
2. Fill into size: x, y, z
3. Apply the adhesive or not? 0= none, 1A=one side, 2A= two sides
4. Fill the quantity you need

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader



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