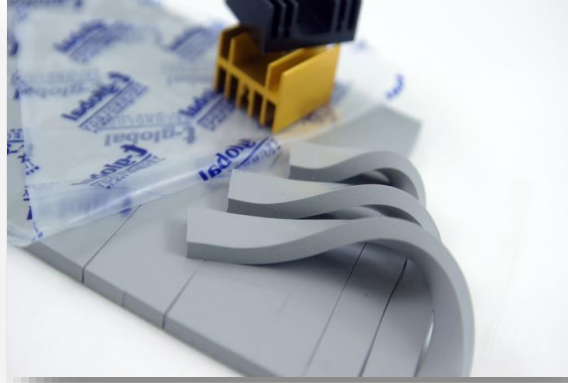


# L37-5S Thermal Pad



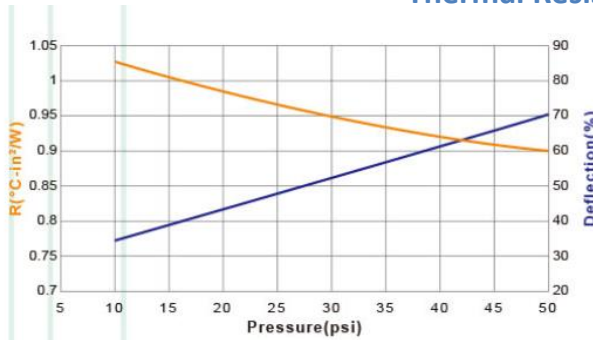
## Features

- Best for filling the gap
- Compliance, high compressibility
- Ultra soft, low hardness (Shore 00 25)
- Lower pressure to heated components or PCB

## Applications

- Electronic components: IC, CPU, MOS, LED,
- Mother Board, Power Supply, Heat Sink, LCD-TV,
- Notebook, PC, Telecom device, Wireless hub,
- DDR II Module, DVD Applications, Hand-set applications etc.

## Thermal Resistance VS. Pressure VS. Deflection

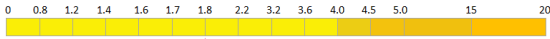


Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	1.03	35
30	0.95	52
50	0.90	70

## Properties

- ◆ REACH Compliant
- ◆ RoHS Compliant
- ◆ UL Compliant

Thermal Conductivity: 1.8 W/m.K



Hardness: 25 (Shore 00)

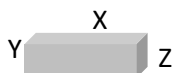


Testing sample thickness: 1.0mm

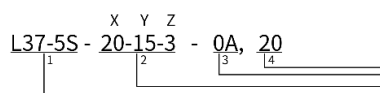
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-5S provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. L37-5S provides good compliance and softness.

Properties	L37-5S	Unit	Tolerance	Test Method
Thermal Conductivity	1.8	W / mK	±0.18	ASTM D5470
Thickness	0.5~5.0	mm	-	ASTM D374
	0.0197~0.1969	inch	-	ASTM D374
Color	Gray	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	16	KV / mm	±1.6	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.4	g / cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>10</sup>	Ohm-m	-	ASTM D257
Elongation	300	%	-	ASTM D412
Tensile Strength	1	Kgf / cm <sup>2</sup>	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	25	Shore 00	±10	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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