

# L37-5

## Thermal Conductive Pad



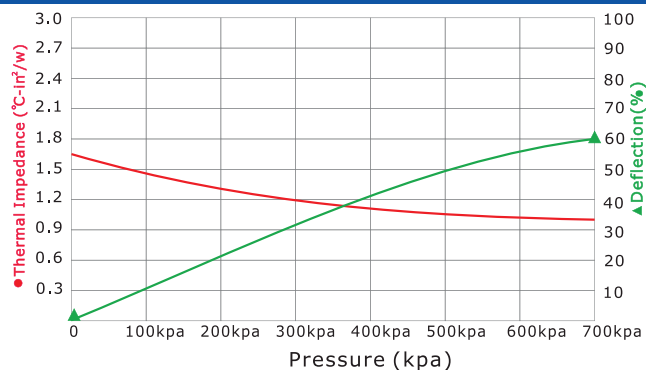
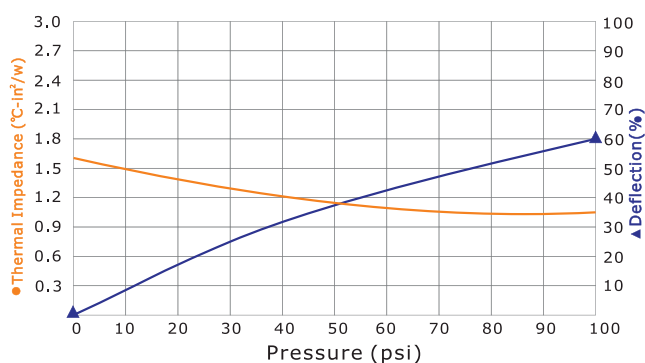
### Features

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

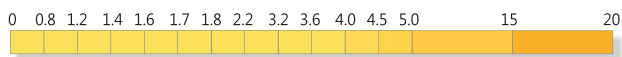
## Thermal Resistance V.S Pressure V.S Deflection



### Properties

Thermal Conductivity: 1.6 W/m.k  
(W / m.k - Z Axis)

Hardness: 15 (Shore A)  
(Shore A)



Testing sample thickness : 1.0 mm



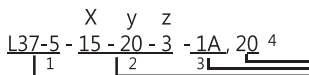
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-5 provide low thermal impedance. The pressure gets higher the thermal impedance gets lower, and deflection percentage gets higher. L37-5 provide good compliance and softness.

Property	L37-5	Unit	Tolerance	Test Method
Colour	Grey	-	-	Visual
Thickness (The thickness can be ordered)	0.3-20	mm	-	ASTM D374
	0.0118~0.787	inch	-	ASTM D374
Thermal Conductivity	1.6	W/m.k	-	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>10	kV/mm	-	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	15	Shore 00	±3	ASTM D2240

Need samples?

Available to apply adhesive

Pre-cut different shape



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