

L37-3L

No Oil-Bleeding Thermal Pad



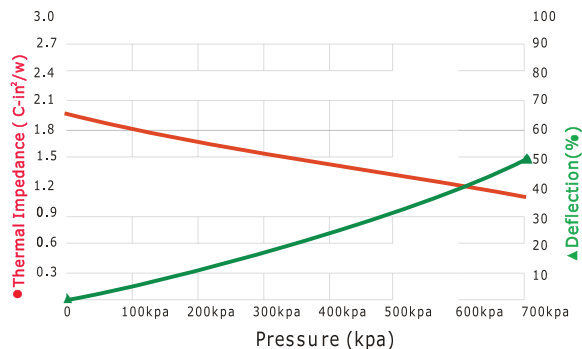
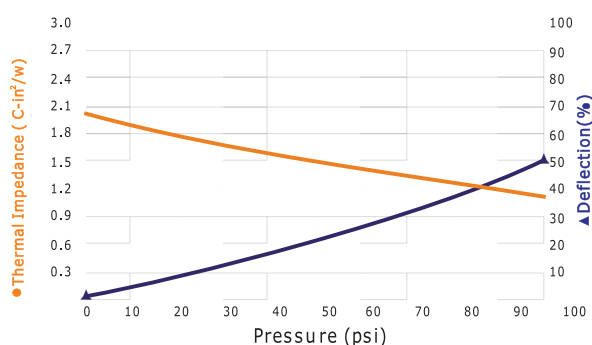
Features

No oil bleeding
High insulation strength
Long term stability
Low thermal resistance

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...

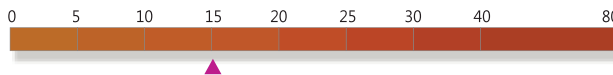
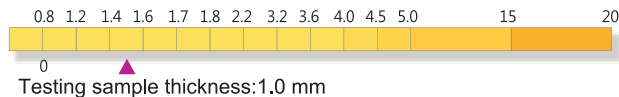
Thermal Resistance V.S Pressure V.S Deflection



Properties

Thermal Conductivity: 1.5 W/m.k
(W / m.k - Z Axis)

Hardness: 15 (Shore A)
(Shore A)



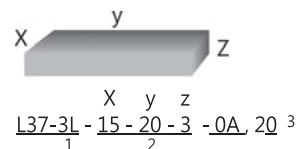
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-3L provide low thermal impedance. The pressure gets higher the thermal impedance gets lower, and deflection percentage gets higher. L37-3L provide good compliance and softness.

Property	L37-3L	Unit	Test Method
Colour	Yellow	-	Visual
Thickness (The thickness can be ordered)	0.5-10	mm	ASTM D374
	0.0197~0.3937	inch	ASTM D374
Optimal Temperature Range	-45 to 200	°C	-
Density	2.4	g/cm ³	ASTM D792
Thermal Conductivity	1.5	W/m.k	ASTM D5470
Hardness	15	Shore A	ASTM D2240
Thermal Resistance			
T=1.0mm 10psi	2	K-in ² /W	ASTM D5470
T=1.0mm 50psi	1.5	K-in ² /W	ASTM D5470
T=1.0mm 100psi	1	K-in ² /W	ASTM D5470
Percent Deflection			
T=1.0mm 10psi	5	%	ASTM D575
T=1.0mm 50psi	20	%	ASTM D575
T=1.0mm 100psi	50	%	ASTM D575
Breakdown Voltage	15	kV/mm	ASTM D149
TML	<0.2	%	ASTM E595
Tensile Strength	1	Kgf/cm ²	ASTM D412
Elongation	300	%	ASTM D412

Need samples?

Available to apply adhesive

Pre-cut different shape



1. Choose the P/N
2. Fill into size: x,y,z
3. Fill the quantity you need