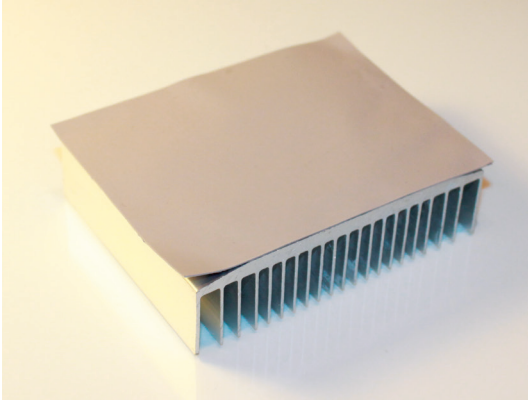


L37-5

Thermal Conductive Pad



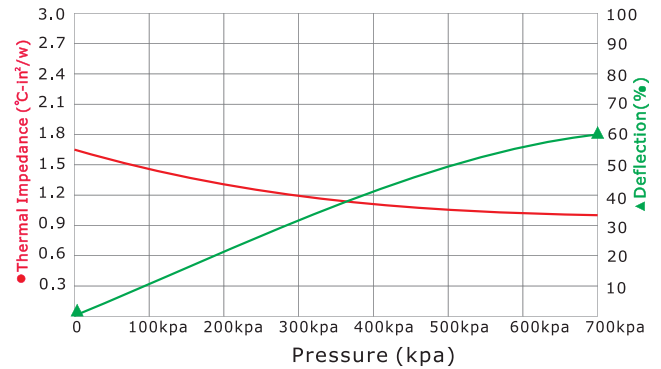
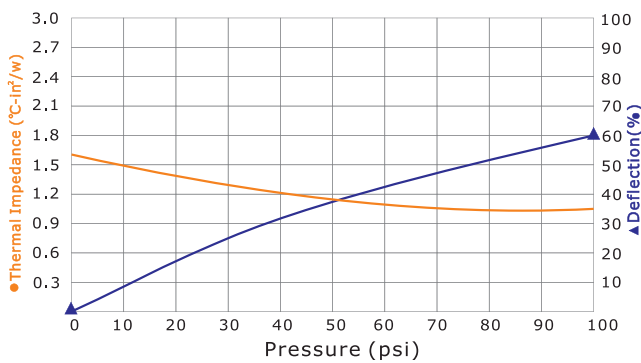
Features

- 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

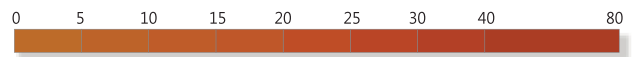
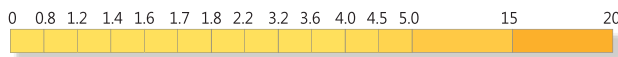


Properties

- REACH Compliant
- RoHS Compliant

Thermal Conductivity: 1.6 W/mK
(W/mK - Z Axis)

Hardness: 15 (Shore 00)
(Shore 00)

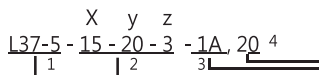


Testing sample thickness : 1.0 mm

In the thermal resistance vs pressure vs deflection charts L37-5 provides low thermal impedance. As the pressure increases the thermal impedance decreases. L37-5 provides good compliance and softness.

Property	L37-5	Unit	Tolerance	Test Method
Colour	Grey	-	-	Visual
Thickness (Available thickness range)	0.3 - 20	mm	-	ASTM D374
	0.0118 - 0.787	Inch	-	ASTM D374
Thermal Conductivity	1.6	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>10	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.38	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 to 200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	300	%	±0.2	ASTM D412
Tensile Strength	12	Kgf/cm ²	±5	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	15	Shore 00	±3	ASTM D2240

Available with an adhesive backing



1. Part Number
2. Size X-Y-Z
3. Adhesive backing - 0-None, 1A-one side, 2A-two sides
4. Quantity