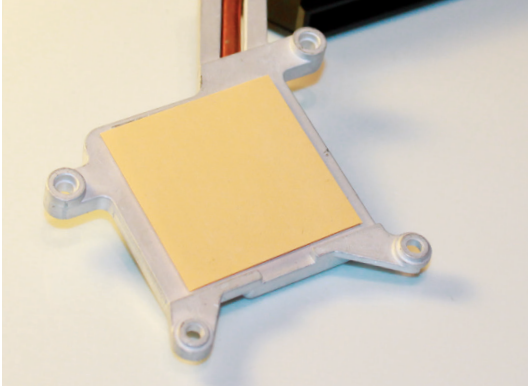


L37-3F

Thermal Conductive Pad



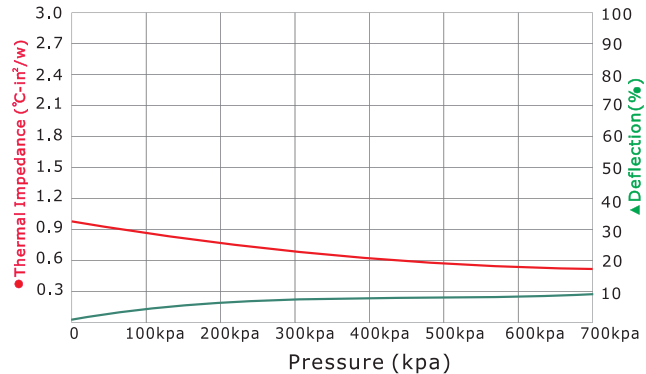
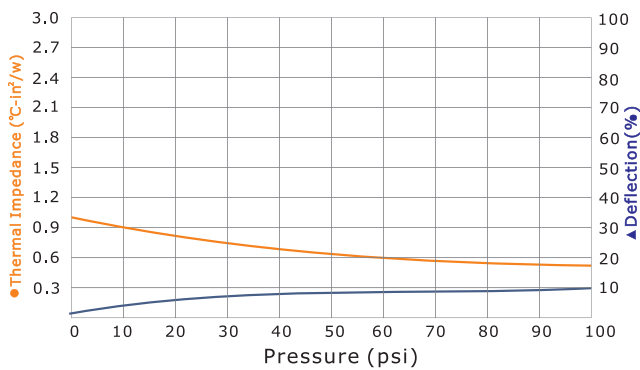
Features

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

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



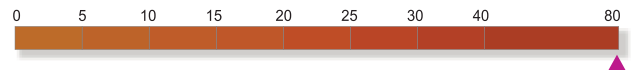
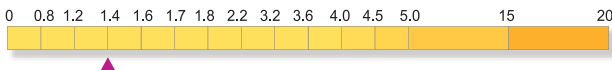
Properties

REACH Compliant

RoHS Compliant

Thermal Conductivity: 1.4 W/mK
(W/mK - Z Axis)

Hardness: 80 (Shore A)
(Shore A)



Testing sample thickness : 0.25 / 0.3 / 0.45mm

In the thermal resistance vs pressure vs deflection charts L37-3F provides low thermal impedance.

As the pressure increases the thermal impedance decreases. L37-3F provides good compliance and softness.

Property	L37-3F	Unit	Tolerance	Test Method
Colour	Yellow	-	-	Visual
Thickness (Available thickness range)	0.25/0.3/0.45	mm	-	ASTM D374
	0.0098/0.0118/0.0177	inch	-	ASTM D374
Thermal Conductivity	1.4	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	3 / 4 / 5	kV	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 to 200	°C	-	-
Volume Resistance	>10 ¹³	Ohm-cm	-	ASTM D257
Elongation	5	%	±13	ASTM D412
Tensile Strength	150	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	80	Shore A	±5	ASTM D2240

Available with an adhesive backing



X Y Z
L37-3F - 15 - 20 - 3 - 1A, 20⁴

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