



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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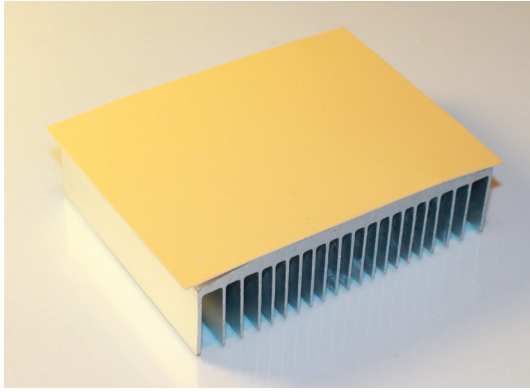
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



L37-3

Thermal Conductive Pad on rolls



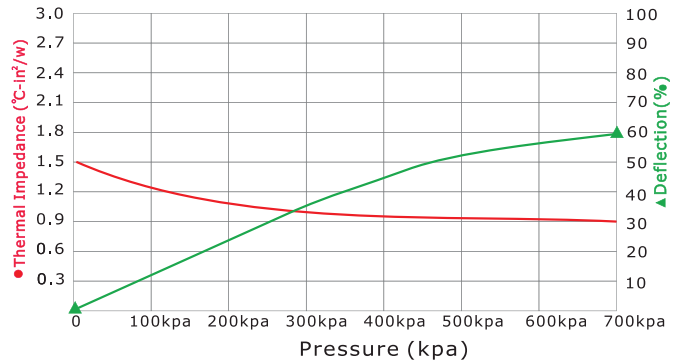
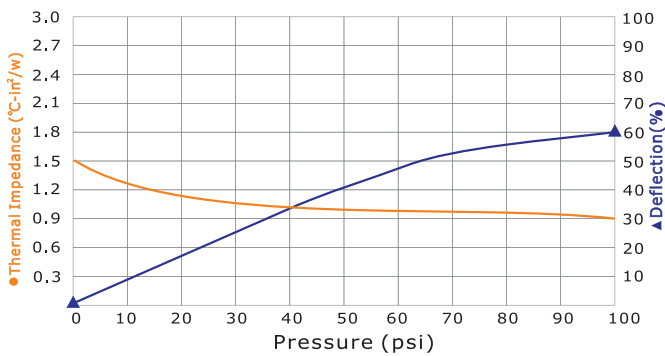
Features

- 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

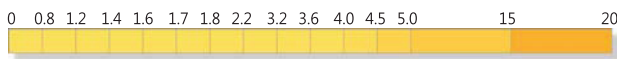


Properties

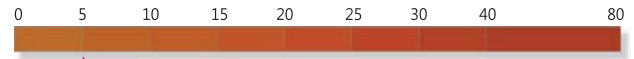
- REACH Compliant
- RoHS Compliant

Thermal Conductivity: 1.7 W/m.k
(W / m.k - Z Axis)

Hardness: 5 (Shore A)
(Shore A)



Testing sample thickness : 1.0 mm



In the thermal resistance vs pressure vs deflection charts L37-3 provides low thermal impedance. As the pressure increases the thermal impedance decreases. L37-3 provides good compliance and softness.

Property	L37-3	Unit	Test Method
Colour	Yellow	-	Visual
Reinforcement carrier	Fibreglass mesh		
Thickness	0.5	mm	ASTM D374
Roll Length / Width	50 - 320	Metres / mm	ASTM D5470
Thermal Conductivity	1.7	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	2.17	g/cm ³	ASTM D792
Working Temperature	-40~ +200	°C	-
Volume Resistance	>10 ¹²	Ohm-cm	ASTM D257
Elongation	-	%	ASTM D412
Tensile Strength	66.4	Kgf/cm ²	ASTM D412
Standard Shape	-	Sheet ones	-
Hardness	5	Shore A	ASTM D2240

Available with an adhesive backing



X Y Z
L37-3 - 15 - 20 - 3 - 1A, 20 4
1 2 3

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

