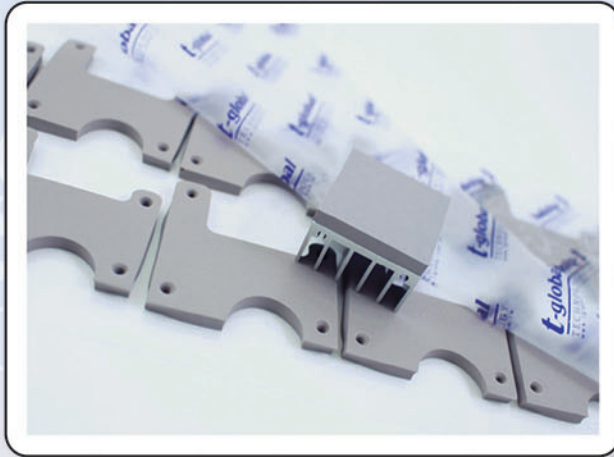


L37-5 導熱矽膠 Thermal Pad



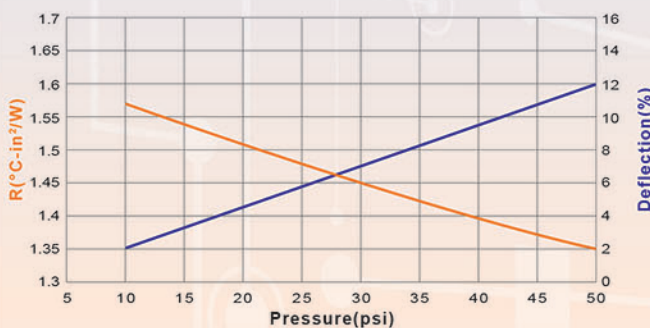
產品特性 Features

Flexible, and difficult to be deformed 回彈性好,不易拉伸變形
Easy to be handled 作業性佳
Electrical insulation 絕緣
Great thermal conductivity (1.6 W / mK) 良好導熱係數
Thickness can reach 20mm 厚度可達20mm

產品應用端 Applications

Best for low power applications 適用於低功率產品
Electronic components: IC, CPU, MOS, LED,
Mother Board, Power Supply, Heat Sink, LCD-TV,
Notebook, PC, Telecom Device, Wireless Hub,
DDR II Module, DVD Applications, Hand-set applications etc.

熱阻抗VS.壓力VS.變形量示意圖 Thermal Resistance VS. Pressure VS. Deflection

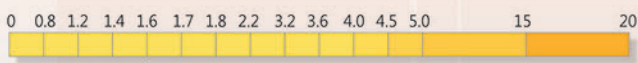


Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.57	2
30	1.45	7
50	1.35	12

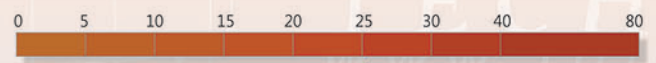
產品物性 Properties

● REACH Compliant 符合REACH規範 ● RoHS Compliant 符合RoHS規範 ● UL Compliant 符合UL規範

Thermal Conductivity 導熱係數 : 1.6 W/mK



Hardness 軟硬度 : 25 (Shore A)



Testing sample thickness: 1.0mm

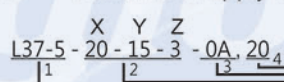
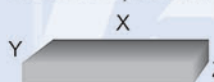
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, L37-5 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. L37-5 provides good compliance and softness.

Properties	L37-5	Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	1.6	W / mK	±0.16	ASTM D5470
Thickness 厚度 (the thickness can be ordered) (可依客戶所需厚度生產)	0.3~20 0.0118~0.787	mm inch	- -	ASTM D374 ASTM D374
Color 顏色	Gray 灰	-	-	Visual 目視
Flame Rating 耐燃等級	V-0	-	-	UL 94
Dielectric Breakdown Voltage 耐電壓	10	KV / mm	±1	ASTM D149
Weight Loss 重量損失	<1	%	-	ASTM E595
Density 密度	2.38	g / cm³	±0.2	ASTM D792
Working Temperature 工作溫度	-40~+200	°C	-	-
Volume Resistance 體積阻抗	>10 ¹²	Ohm-m	-	ASTM D257
Elongation 延展率	300	%	-	ASTM D412
Tensile Strength 抗拉強度	12	Kgf / cm²	-	ASTM D412
Standard Shape 標準形狀	Sheet ones 單片狀	-	-	-
Hardness 硬度	25	Shore A	±5	ASTM D2240

Need samples? 樣品需求?

Available to apply adhesive 可依需求背膠

Pre-cut for different shapes 可依需求沖型裁切



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