

H48-6G 導熱矽膠 Thermal Pad



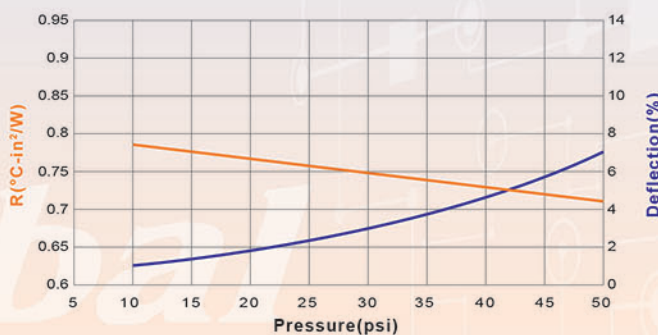
產品特性 Features

Very good thermal conductivity 良好的導熱性
Natural tack 具自黏性
Easy to assemble 容易施工
Very good insulator 高電氣絕緣

產品應用端 Applications

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

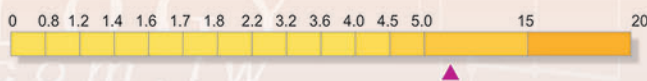


Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	0.78	1
30	0.75	3
50	0.71	7

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 : 6 W/mK



Hardness 軟硬度 : 35 (Shore A)



Testing sample thickness: 1.0mm

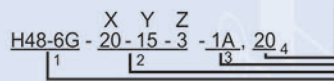
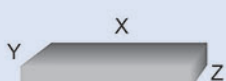
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6G provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6G provides good compliance and softness.

Properties	H48-6G	Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	6	W / mK	±0.6	ASTM D5470
Thickness 厚度 (the thickness can be ordered) (可依客戶所需厚度生產)	0.3~5.0	mm	-	ASTM D374
	0.0118~0.1969	inch	-	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	13	KV / mm	±0.13	ASTM D149
Weight Loss 重量損失	<1	%	-	ASTM E595
Density 密度	3.09	g / cm³	±0.2	ASTM D792
Working Temperature 工作溫度	-40~+200	°C	-	-
Volume Resistance 體積阻抗	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation 延展率	60	%	-	ASTM D412
Tensile Strength 抗拉強度	6	Kgf / cm²	-	ASTM D412
Standard Shape 標準形狀	Sheet ones 單片狀	-	-	-
Hardness 硬度	35	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