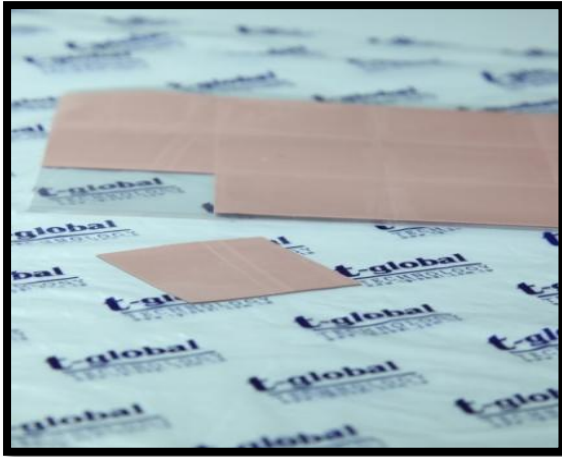


H48-6C 導熱矽膠 Thermal Pad



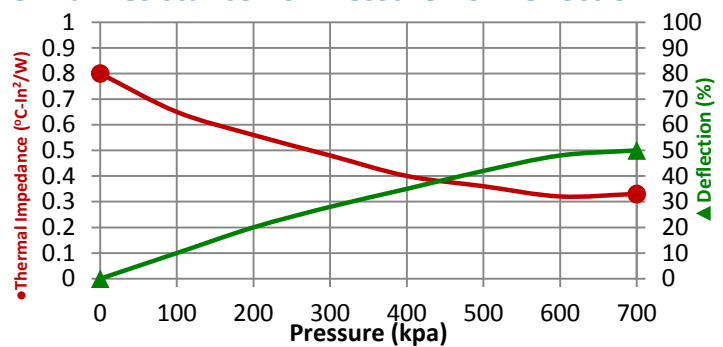
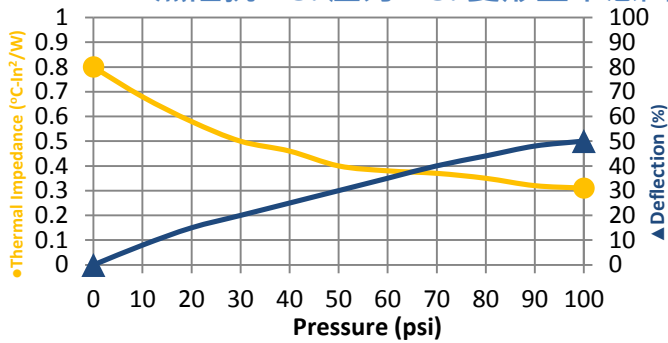
產品特性 Features

- Very good thermal conductivity 良好的導熱性
- Soft and high compressibility 柔軟及高壓縮性
- Natural tack 自黏
- Easy to assemble 容易施工
- Good insulator 超高耐電壓
- Shock & vibration absorber 可作為震動衝擊吸收體

產品應用端 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

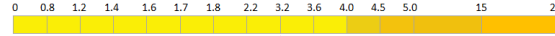
熱阻抗 VS. 壓力 VS. 變形量示意圖 Thermal Resistance VS. Pressure VS. Deflection



產品物性 Properties

✓ REACH Compliant 符合REACH規範 ✓ RoHS Compliant 符合RoHS規範

Thermal Conductivity 導熱係數 : 3.2W/m.k



Hardness 軟硬度 : 15 (Shore A)



Testing sample thickness: 1.5mm

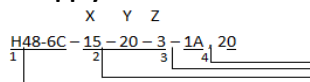
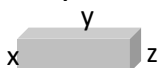
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6C provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6C provides good compliance and softness.

Properties	H48-6C	Unit	Tolerance	Test Method
Color顏色	Gray灰	-	-	Visual
Thickness厚度	0.2~20	mm	-	ASTM D374
(the thickness can be ordered)	0.0078~0.787	inch	-	ASTM D374
Thermal Conductivity導熱係數	3.2	W/m.k	±0.4	ASTM D5470
Flame Rating耐燃等級	V-0	-	-	UL 94
Dielectric Breakdown Voltage耐電壓	1.5	kV/mm	±0.5	ASTM D149
Weight Loss重量損失	<1	%	-	ASTM E595
Specific Gravity比重	2.28	g/cm ³	±0.2	ASTM D792
Working Temperature工作溫度	-40~+200	°C	-	-
Surface Resistance表面阻抗	10 ¹⁷	Ohm-cm	-	ASTM D257
Elongation延展率	130	%	±13	ASTM D412
Tensile Strength抗拉強度	8	Kgf/cm ²	±2	ASTM D412
Standard Shape標準形狀	-	Sheet ones單片狀	-	-
Hardness硬度	15	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

高柏科技

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

