

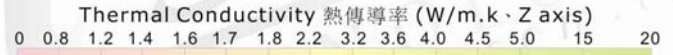
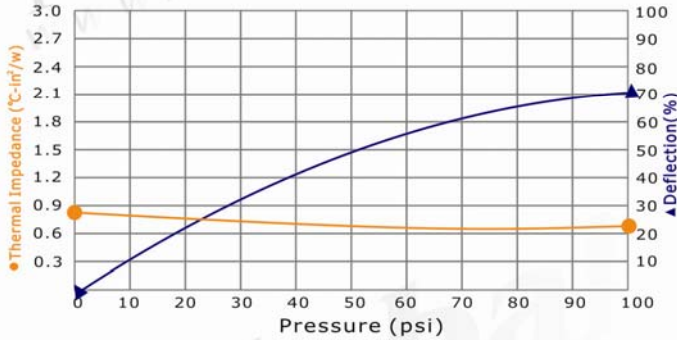
# H48-6 Thermal Conductive Pad

## Feature 特性

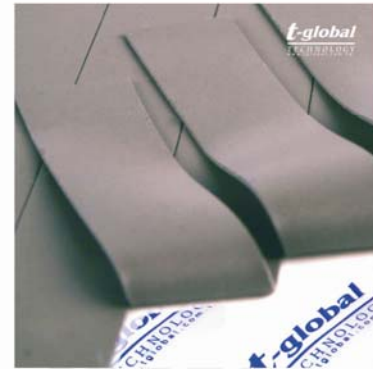
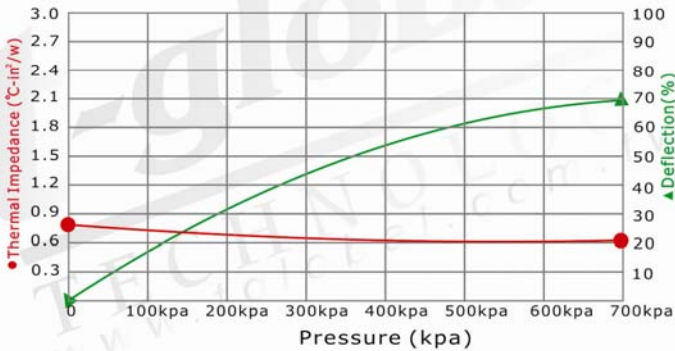
- Very good thermal conductivity 良好的導熱性
- Very soft and high compressibility 柔軟及高壓縮性
- Natural tack 自粘
- Easy to assemble 容易施工
- Good insulator 超高耐電壓

## Application 產品應用端

- 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 Conductivity 熱傳導率 (W/m.k - Z axis)  
H48-6  
Hardness 20 (Shore A)

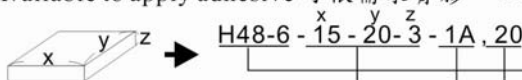


Testing sample thickness: 1.0mm

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

Property	H48-6	Unit	Tolerance	Test
Color 顏色	Dark Gray 深灰	-	-	Visual
Thickness 厚度 (Gap is 0.1mm, 間隙0.1mm) (The thickness can be ordered 可依客戶所需厚度生產)	0.3~20	mm 公厘	-	ASTM D374
	0.0118~0.787	inch 公吋	-	ASTM D374
Thermal Conductivity 導熱係數	3.2	W/m.k	-	ASTM D5470
Flame Rating 耐燃等級	V-0	-	-	UL 94
Insulation Strength 耐電壓值	>0.7	kv/mm	-	ASTM D149
Weight Loss 重量損失	<1	%	-	ASTM E595
Specific Gravity 比重	2.42	g/cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature 工作溫度	-40 ~ +200	°C	-	-
Volume Resistance 體積阻抗	10 <sup>17</sup>	ohm-cm	-	ASTM D257
Elongation 延展率	130	%	±13	ASTM D412
Tensile Strength 抗拉強度	8	Kgf/cm <sup>2</sup>	±2	ASTM D412
Standard Shape 標準形狀	-	Sheet ones 單片狀	-	-
Hardness 硬度	20	Shore A	±5	ASTM D2240
REACH Compliant 符合REACH 規範	Yes 是	RoHS Compliant 符合RoHS 規範	-	Yes 是

- Available to apply adhesive 可依需求背膠
- Pre-cut for different shape 可依需求沖型裁切
- Need sample? 樣品需求



- Choose the P/N.
- Fill the size: x, y, z.
- Apply the adhesive or not? 0=none, 1A=one side, 2A= two sides.
- Fill the quantity you need.