

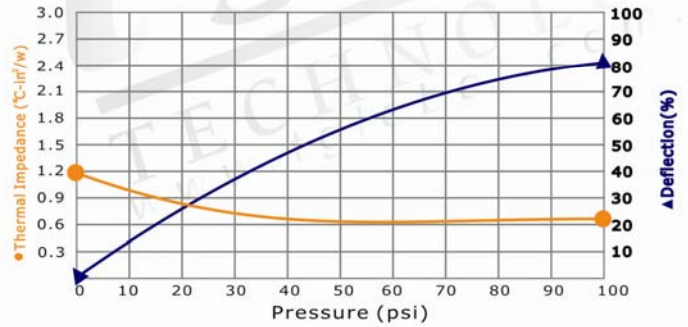
# H48-2 Thermal Conductive Pad

## 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
- Shock & vibration absorber 可做為振動衝擊吸收體

## 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.

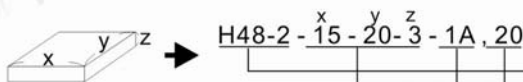


Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-2 provide low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-2 provide good compliance and softness.

Property	H48-2	Unit	Tolerance	Test
Color 顏色	Dark Red 深紅	-	-	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)	0.1~20	mm 公厘	-	ASTM D374
	0.0039~0.787	inch 公吋	-	ASTM D374
Thermal Conductivity 導熱係數	2.2	W/m.k	-	ASTM D5470
Flame Rating 耐燃等級	V-0	-	-	UL 94
Insulation Strength 耐電壓值	>5	kv/mm	-	ASTM D149
Weight Loss 重量損失	<1	%	-	ASTM E595
Specific Gravity 比重	2.43	g/cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature 工作溫度	-40 ~ +200	°C	-	-
Volume Resistance 體積阻抗	1.38x10 <sup>14</sup>	ohm-cm	-	ASTM D257
Elongation 延展率	282	%	±28	ASTM D412
Tensile Strength 抗拉強度	7	Kgf/cm <sup>2</sup>	±2	ASTM D412
Standard Shape 標準形狀	-	Sheet ones 單片狀	-	-
Hardness 硬度	10	Shore A	±2	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.