

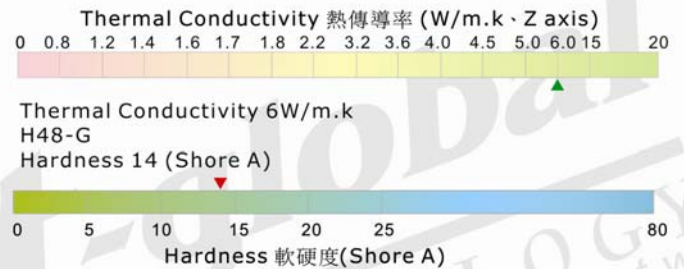
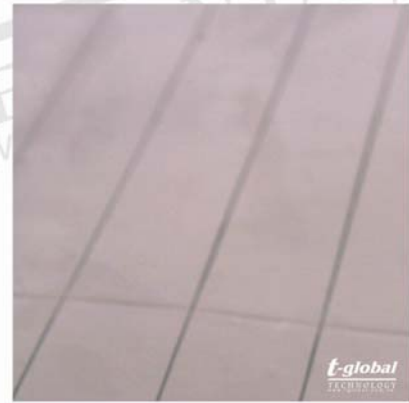
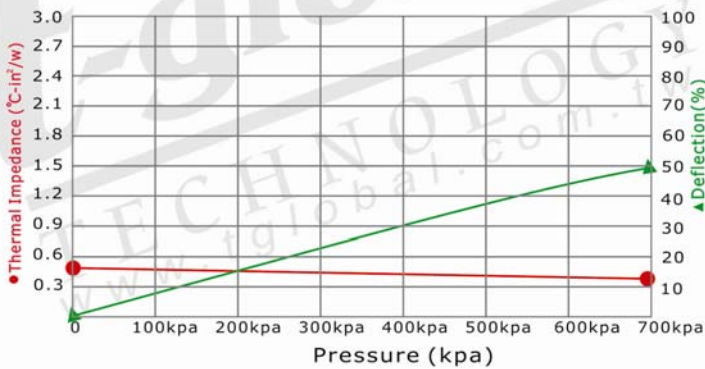
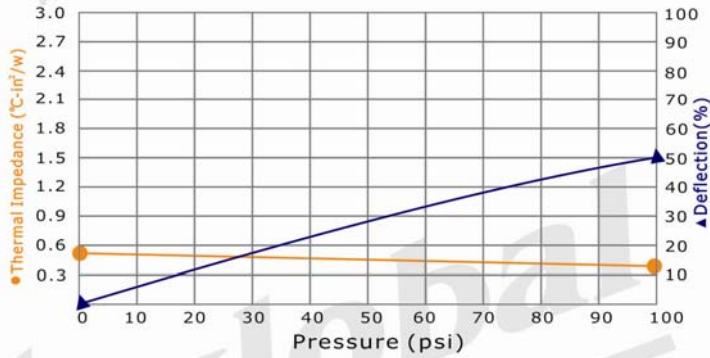
H48-6G Thermal Conductive Pad

Feature 特性

- Ultra high thermal conductivity 超高導熱效能
- Soft and high compressibility 柔軟及高壓縮性
- Natural tack 自粘
- Easy to assemble 容易施工

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, H48-6G provide low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6G provide good compliance and softness.

| Property | H48-6G | Unit | Tolerance | Test |
|---|------------------|--------------------------|-----------|------------|
| Color 顏色 | Gray 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) | 0.3~5.0 | mm 公厘 | - | ASTM D374 |
| | 0.0118~0.1969 | inch 公吋 | - | ASTM D374 |
| Thermal Conductivity 導熱係數 | 6.0 | W/m.k | - | ASTM D5470 |
| Flame Rating 耐燃等級 | V-0 | - | - | UL 94 |
| Insulation Strength 耐電壓值 | >10 | kv/mm | - | ASTM D149 |
| Weight Loss 重量損失 | <1 | % | - | ASTM E595 |
| Specific Gravity 比重 | 3.09 | g/cm³ | ±0.2 | ASTM D792 |
| Working Temperature 工作溫度 | -40 ~ +200 | °C | - | - |
| Volume Resistance 體積阻抗 | 10 ¹⁶ | ohm-cm | - | ASTM D257 |
| Elongation 延展率 | 60 | % | ±13 | ASTM D412 |
| Tensile Strength 抗拉強度 | 6 | Kgf/cm² | ±2 | ASTM D412 |
| Standard Shape 標準形狀 | - | Sheet ones 單片狀 | - | - |
| Hardness 硬度 | 14 | Shore A | ±5 | ASTM D2240 |
| REACH Compliant 符合REACH 規範 | Yes 是 | RoHS Compliant 符合RoHS 規範 | Yes 是 | 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.