

惠州市宏旺导热制品有限公司

HONEYWON THERMALLY CONDUCTIVE PRODUCTS CO.,LTD

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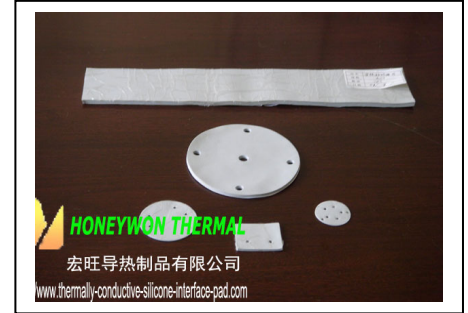
E-mail:saleslhoneywon@163.com Web: <http://www.thermally-conductive-silicone-interface-pad.com>

Technical Data:

Thermally Conductive Silicone Interface Pad: HWP-080

Product Features:

- Good thermal conductivity
- High conformability and cost effective
- Shock absorbing and naturally tacky
- Electrically insulating
- it is easy to fill in air gaps between PC board and heat sinks or a metal chassis



Product Applications:

- Between electronic components such as Semiconductor, IC, CPU.MOS and heatsink.
- Led Lighting, LCD TV, Telecom device, wireless Hub,NB, PC, power supply etc
- Cooling Module, Thermal module, in all applications where a metal housing is used as heatsink.

Product description:

Typical Properties of HWP-080 Pad

| Properties | Units | HWP080 | Test Method |
|----------------------------|---------|---------------------------|-------------|
| Construction & Composition | --- | Silicone & Ceramic filled | --- |
| Color | --- | Gray | Visual |
| Thickness Range | mm | 0.5~12.0 | --- |
| Hardness | Shore C | 18 or 35 | ASTM D2240 |
| Density | g/cc | 2 | ASTM D792 |
| Tensile Strength | KN/m | 1.3 | ASTM D412 |
| Elongation | % | 1.35 | ASTM D412 |
| Continuous Use Temp | °C | -40 to 150 | EN344 |
| Breakdown Voltage | Kv/mm | ≥4.0 | ASTM D149 |
| Volume Impedance | ohm-cm | 1.7×10^{16} | ASTM D257 |
| Dielectric Constant | 1MHz | 4.51 | ASTM D150 |
| Weight Daminyf | --- | ≤1 % | @150°C 240H |
| Flame Rating | --- | V0 | UL 94 |
| Thermal Conductivity | W/m.k | 0.8 | ASTM D5470 |
| UL, RoHS, REACH | --- | Compliance | --- |