

# 惠州市宏旺导热制品有限公司

HONEYWON THERMALLY CONDUCTIVE PRODUCTS CO.,LTD

ADD: Huicheng District, Huizhou, Guangdong, China TEL: (0086) 752-8481591

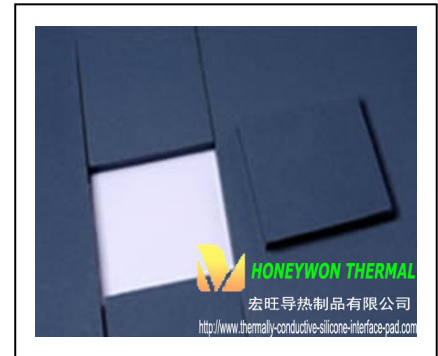
E-mail:saleslhoneywon@163.com Web: <http://www.thermally-conductive-silicone-interface-pad.com>

## Technical Data:

### Thermally Conductive Silicone Interface Pad: HWP-100

#### 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 HWP100			
Properties	Units	HWP100	Test Method
Construction & Composition	---	Silicone & Ceramic filled	---
Color	---	Dark Blue	Visual
Thickness Range	mm	0.5~12.0	ASTM D374
Hardness	Shore C	25	ASTM D2240
Density	g/cc	2.2	ASTM D792
Tensile Strength	KN/m	0.75	ASTM D412
Elongation	%	90%	ASTM D412
Continuous Use Temp	°C	-40 to 150	EN344
Breakdown Voltage	Kv/mm	≥4.0	ASTM D149
Volume Impedance	ohm-cm	1.5*10 <sup>16</sup>	ASTM D257
Dielectric Constant	1MHz	4.87	ASTM D150
Weight Daminiify	---	≤0.5%	@150°C 240H
Flame Rating	----	V-0	UL 94
Thermal Conductivity	W/m.k	1.0	ASTM D5470
UL, RoHS, REACH	----	Compliance	----

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## Sheet sizes:

Standard sheet size: 200\*400mm, 330\*330mm; Custom Die-cut parts available; Available with or without PSA

## HWP-100 Thermally conductive Silicone Interface Pad

is naturally tacky, requiring no adhesive coating to inhabit thermal performance, It can also be with a rubber-coated fiberglass carrier becoming one side tacky and no tacky on other side to allowing easy material handing and installation.