

# 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: sales@honeywon.com Web: <http://www.thermally-conductive-silicone-interface-pad.com>

## Technical Data:

### Thermally Conductive Double Adhesive Tape: HWT-180

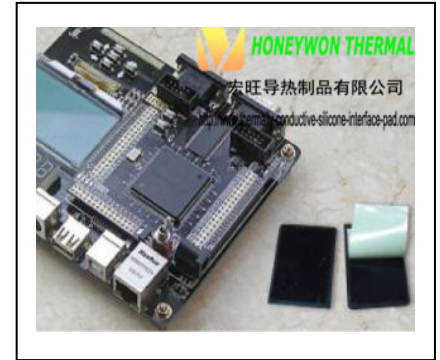
#### Product Features:

Thermal conductivity: 1.8W/m-K

Available in thickness 0.004inch(0.10mm), 0.06inch(0.152mm), 0.008inch(0.2mm)

Excellent adhesive property

Soft and highly compliant



HWT180 is an excellent thermally conductive adhesive tape to provide a preferential heat transfer path between heat components and heat sink or other cooling devices; this tape offers excellent adhesive performance with good wetting and good electrical insulation properties.

#### Product Applications:

LED TV and LED monitor

Memory modules

LED solid state lighting

Computer and peripherals

High power IC chip

Handheld electronics

Heat sink thermal model

Telecommunication hardware

#### Configurations Available and Options:

Roll form (1250x50M) and custom die-cut parts

# 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>

## Product description:

Typical Properties of HWT180

Properties	Imperial Value	Metric Value	Test Method	
Reinforcement Carrier	NA	NA	---	
Color	White	White	Visual	
Thickness Range (inch/mm)	0.004"~0.008"	0.1~0.2	ASTM D374	
Outgassing TML (Post Cured)	<1.0%	<1.0%	ASTM E595	
Continuous Use Temp (F)/(C)	-22 ~ 302F	-30 ~150C		
Dielectric Breakdown Voltage 50mm probe	80 VAC/mil	80 VAC/mil	ASTM D149	
UL Flammability Rating	V0	V0	UL94	
Rohs Compliant	Yes	Yes	SGS	
Shelf life, year from date of production	1	1		
Thermal Conductivity (w/m-k)	1.8	1.8	ASTM D5470	
Peeling Adhesion	25C	80C	150C	PSCT-1
	2450g/2.5cm	650g/2.5mm	320g/2.5mm	
Static Shear Test of Holding	25C	80C	150C	PSCT-7
	1440g/2.5cm	1250g/2.5cm	1000g/2.5cm	