

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

## Technical Data:

### Thermally Conductive Double Adhesive Tape: HWT-150

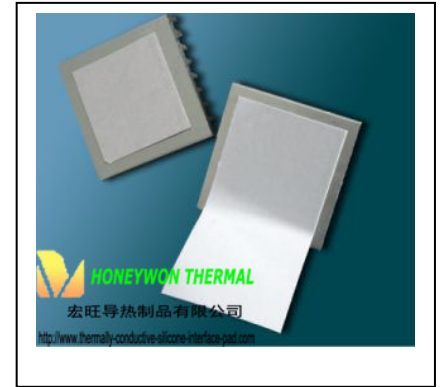
#### Product Features:

Thermal conductivity: 1.5W/m-K

Available in thickness 0.005inch(0.127mm), 0.01inch(0.254mm)

Excellent adhesive property

Highly compliant and thermal performance



HWT150 double sided adhesive tape provide an effective heat transfer path between heat components and heat sink or other cooling devices. This tape consists of a high bond strength pressure-sensitive adhesive with an expanded aluminum carrier layer, have excellent thermal performance and bonding properties.

#### Product Applications:

Memory modules

LED lighting and LED TV

Note book and tablet PC

Heat sink thermal model

Automotive electronics

Handheld electronics

Telecommunication hardware

#### Configurations Available and Options:

Roll form (1000x50M) and custom custom die-cut parts

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## Product description:

Typical Properties of HWT150

Properties	Imperial Value	Metric Value	Test Method	
Reinforcement Carrier	Aluminum	Aluminum	---	
Color	Grey	Grey	Visual	
Thickness Range (inch/mm)	0.005"~0.01"	0.127~0.254	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	50 VAC/mil	50 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)	1.5	1.5	ASTM D5470	
Peeling Adhesion	25C	80C	150C	PSCT-1
	1750g/2.5cm	450g/2.5mm	230g/2.5mm	
Static Shear Test of Holding	25C	80C	150C	PSCT-7
	1100g/2.5cm	1000g/2.5cm	800g/2.5cm	