

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-400

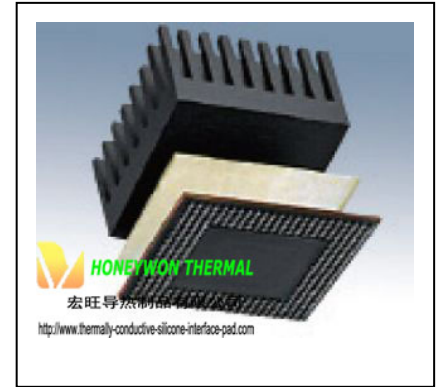
Product Features:

Thermal conductivity: 4.0W/m-K

Available in thickness 0.004inch(0.10mm), 0.08inch(0.2mm).

High thermal performance and excellent adhesive property

Soft and highly compliant



HWT400 is a high thermally conductive adhesive tape designed for 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 copper foil carrier layer, this tape offer excellent adhesive performance and thermal performance with good wetting and electrical insulation properties.

Product Applications:

LED solid state lighting

LED TV and LED monitor

Computer and peripherals

Automotive electronics

Handheld electronics

Heat sink thermal model

Telecommunication hardware

Configurations Available and Options:

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

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Product description:

Typical Properties of HWT400

Properties	Imperial Value	Metric Value	Test Method	
Reinforcement Carrier	Copper	Copper	---	
Color	Light Yellow	Light Yellow	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	40 VAC/mil	40 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)	4.0	4.0	ASTM D5470	
Peeling Adhesion	25C	80C	150C	PSCT-1
	1680g/2.5cm	430g/2.5mm	220g/2.5mm	
Static Shear Test of Holding	25C	80C	150C	PSCT-7
	1100g/2.5cm	1000g/2.5cm	850g/2.5cm	