

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) 752-5339129

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

Technical Data:

Thermally Conductive Double Adhesive Tape: HWT-100

Product Features:

Thermal conductivity: 1.0W/m-K

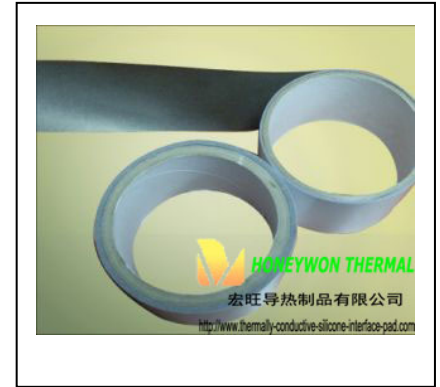
Available in thickness 0.005inch(0.127mm), 0.006inch(0.152mm), 0.008inch(0.20mm),

0.01inch(0.254mm), 0.015inch(0.381mm)"

Excellent adhesive property and thermal stability

Highly compliant and good wetting

HWT100 is a thermally conductive adhesive tape to provide a preferential heat transfer path between heat components and cooling devices; this tape is tacky pressure sensitive adhesive loaded with thermally conductive ceramic fillers that offer good adhesive and thermal performance.



Product Applications:

LED lighting and LED TV

Heat sink thermal model

Memory modules

High power IC

Control modules

VGA cards

Telecommunication hardware

Configurations Available and Options:

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

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Product description:

Typical Properties of HWT100

Properties	Imperial Value	Metric Value	Test Method	
Reinforcement Carrier	Fiberglass	Fiberglass	---	
Color	White	White	Visual	
Thickness Range (inch/mm)	0.005"~0.015"	0.125~0.381	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)	1.0	1.0	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
	1250g/2.5cm	1100g/2.5cm	1000g/2.5cm	