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Technical Data:

Heat Transfer Silicone Sink Pad: HWP-250

Product Features:

- -Good thermal conductivity
- -High conformability and cost effective
- -Shock absorbing and naturally tacky
- -Electrically insulating

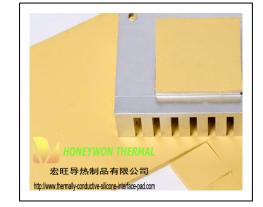
-it is easy to fill in air gaps between PC board and heat sinks or a metal chassis

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 HWP250			
Properties	Units	HWP250	Test Metho
Construction & Composition		Silicone & Ceramic filled	
Color		Light Yellow	Visual
Thickness Range	mm	0.5~5.0	
Hardness	Shore C	25	ASTM D224
Density	g/cc	2.93	ASTM D79
Tensile Strength	KN/m	0.4	ASTM D41
Elongation	%	72%	ASTM D41
Continuous Use Temp	°C	-40 to 150	EN344
Breakdown Voltage	Kv/mm	≥5.0	ASTM D14
Volume Impedance	ohm-cm	3.2*10 ¹⁶	ASTM D25
Dielectric Constant	1MHz	6.3	ASTM D15
Weight Daminify		≤0.5 %	@150°C 240
Flame Rating		V-0	UL 94
Thermal Conductivity	W/m.k	2.5	ASTM D547
UL, RoHS, REACH		Compliance	





HWP-250 Heat Transfer Silicone Sink 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.

Percent Deflection Vs Pressure

