



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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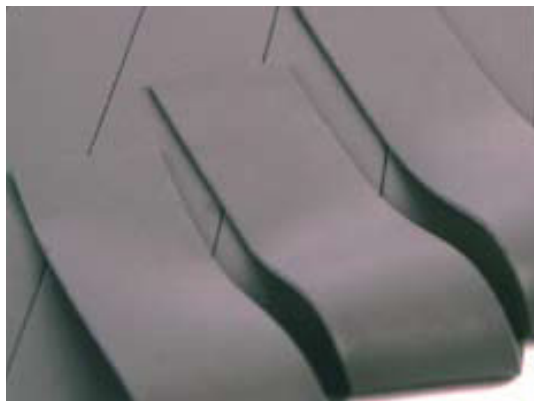
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# H48-6C

## Thermal Conductive Pad



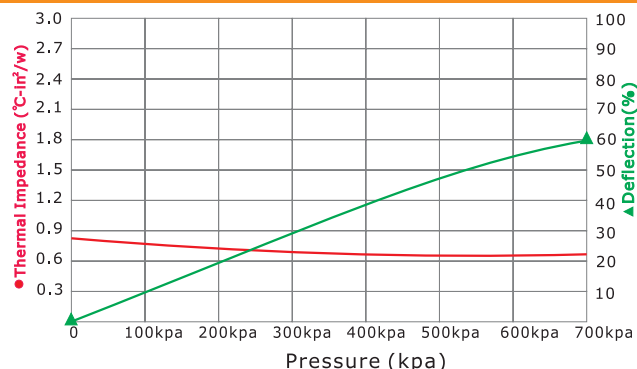
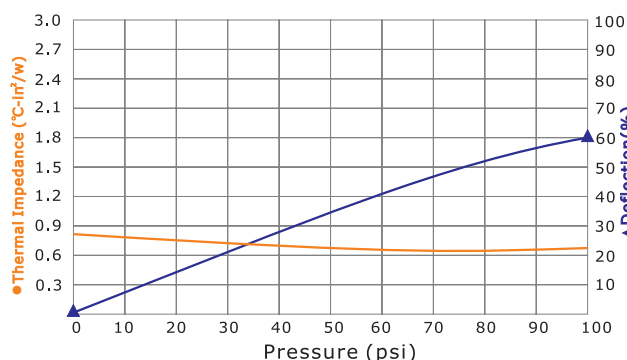
### Features

- Very good thermal conductivity
- Very soft and compressible
- Natural tack
- Easy to assemble
- Very good insulator

### Applications

- Electronic components: IC / CPU / MOS
- LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc....
- DDR II Module / DVD Applications / Hand-Set applications etc...

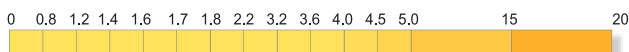
### Thermal Resistance V.S Pressure V.S Deflection



### Properties

- REACH Compliant
- RoSH Compliant

Thermal Conductivity: 3.2 W/mK (W/mK - Z Axis)



Hardness: 15 (Shore A)



Testing sample thickness : 1.0 mm

In the thermal resistance vs pressure vs deflection charts H48-6C provides low thermal impedance. As the pressure increases the thermal impedance decreases. H48-6C provides good compliance and softness.

Property	H48-6C	Unit	Tolerance	Test Method
Colour	Dark grey	-	-	Visual
Thickness (Available thickness range)	0.3 - 20	mm	-	ASTM D374
	0.0118 - 0.787	inch	-	ASTM D374
Thermal Conductivity	3.2	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>5	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.42	g/cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-40 to 200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-cm	-	ASTM D257
Elongation	130	%	±13	ASTM D412
Tensile Strength	8	Kgf/cm <sup>2</sup>	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	15	Shore A	±5	ASTM D2240

Available with an adhesive backing

