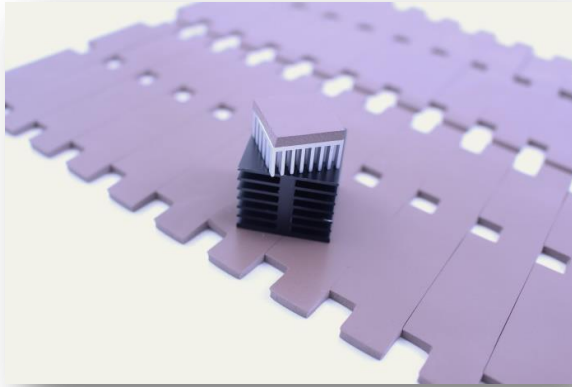


H48-6A Thermal Pad



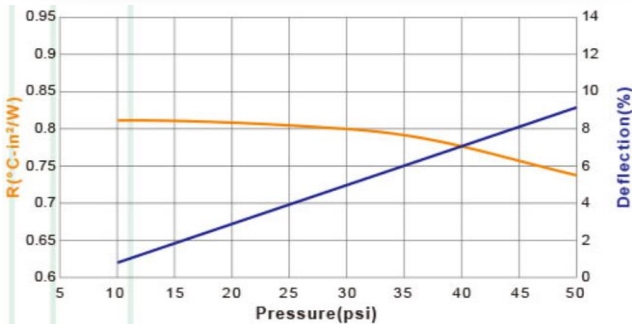
Features

- High elasticity
- Great reworkability
- Natural tack

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 VS. Pressure VS. Deflection



Pressure (psi)	R(°C-in ² /W)	Deflection(%)
10	0.81	1
30	0.80	5
50	0.74	9

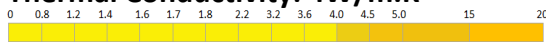
Properties

✓ REACH Compliant

✓ RoHS Compliant

✓ UL Compliant

Thermal Conductivity: 4W/m.K



Hardness: 25 (Shore A)



Testing sample thickness: 1.0mm

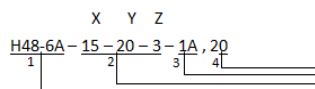
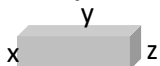
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6A provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6A provides good compliance and softness.

Properties	H48-6A	Unit	Tolerance	Test Method
Thermal Conductivity	4	W / mK	±0.4	ASTM D5470
Thickness	0.3~20	mm	-	ASTM D374
(the thickness can be ordered)	0.0118~0.787	inch	-	ASTM D374
Color	Henna	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	2	KV / mm	±0.5	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.48	g / cm ³	±0.2	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-cm	-	ASTM D257
Elongation	120	%	-	ASTM D412
Tensile Strength	8	Kgf / cm ²	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	25	Shore A	±5	ASTM D2240

Need samples?

Available to apply adhesive

Pre-cut for different shapes



1. Choose the P/N
2. Fill into size: x, y, z
3. Apply the adhesive or not? 0= none, 1A= one side, 2A= two sides
4. Fill the quantity you need

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

