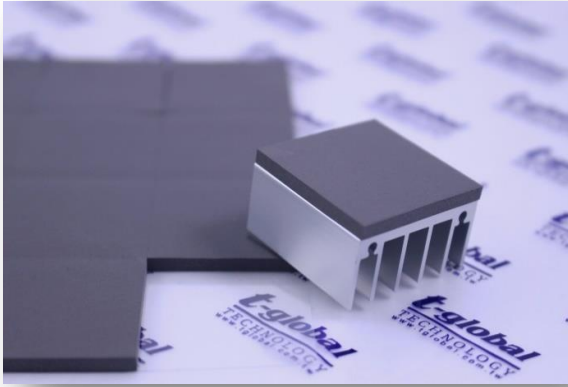


# H48-6

## Thermal Pad



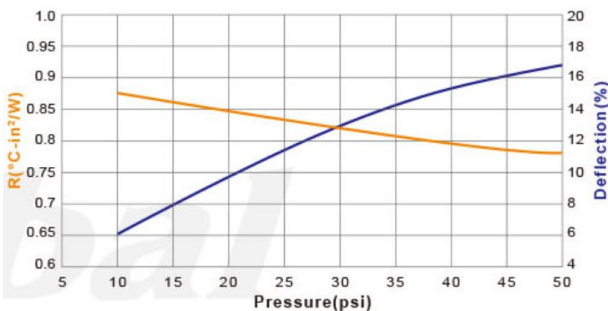
### Features

- Very good thermal conductivity
- Soft and high compressibility
- Natural tack
- Easy to assemble
- Very good insulator

### Applications

- Products of server, IPC
- 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

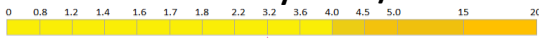


Pressure (psi)	R(°C-in <sup>2</sup> /W)	Deflection(%)
10	0.88	6
30	0.82	13
50	0.78	17

### Properties

- ✓ REACH Compliant
- ✓ RoHS Compliant
- ✓ UL Compliant

Thermal Conductivity: 3.2W/m.K



Hardness: 30 (Shore A)



Testing sample thickness: 1.0mm

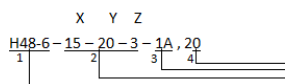
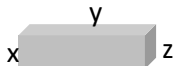
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6 provides good compliance and softness.

Properties	H48-6	Unit	Tolerance	Test Method
Thermal Conductivity	3.2	W / mK	±0.3	ASTM D5470
Color	Dark Gray	-	-	Visual
Thickness	0.3~20	mm	-	ASTM D374
(the thickness can be ordered)	0.0118~0.787	inch	-	ASTM D374
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	2	KV / mm	±0.2	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.42	g / cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-cm	-	ASTM D257
Elongation	130	%	-	ASTM D412
Tensile Strength	8	Kgf / cm <sup>2</sup>	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	30	Shore A	±10	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

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