

H48-2

Thermal Conductive Pad



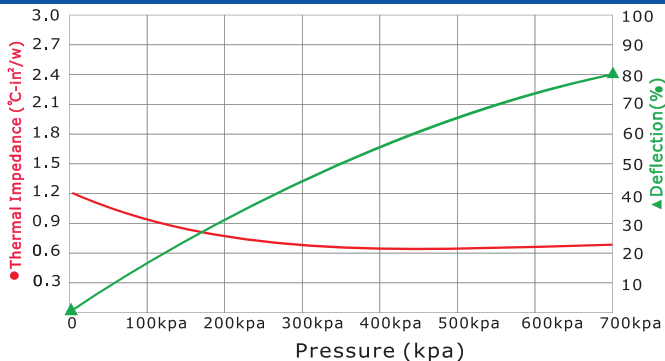
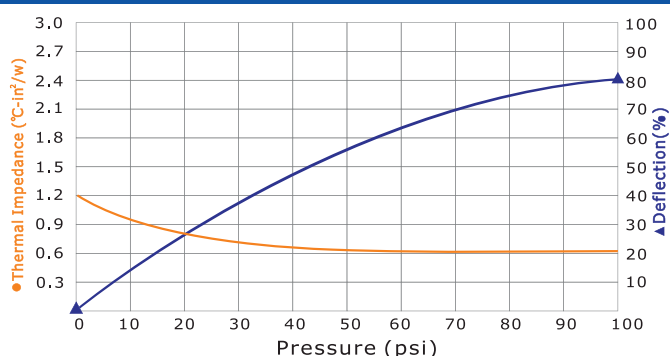
Features

- Good thermal conductivity
- Ultra soft and high compressibility
- Natural tack
- Easy to assemble
- Good insulator
- Shock and vibration absorber

Applications

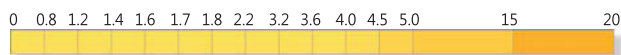
Electronic components: IC / CPU / MOS
LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device /
Wireless Hub etc....
DDR II Module / DVD Applications / Hand-Set applications etc...

Thermal Resistance V.S Pressure V.S Deflection



Properties

Thermal Conductivity: 2.2 W/m.k
(W / m.k - Z Axis)



Testing sample thickness : 1.0 mm

Hardness: 10 (Shore A)
(Shore A)



In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-2 provide low thermal impedance. The pressure gets higher the thermal impedance gets lower, and deflection percentage gets higher. H48-2 provide good compliance and softness.

Property	L37-3	Unit	Tolerance	Test Method
Colour	Dark Red	-	-	Visual
Thickness (The thickness can be ordered)	0.2-20	mm	-	ASTM D374
	0.0078-0.7874	inch	-	ASTM D374
Thermal Conductivity	2.2	W/m.k	-	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>5	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.43	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 ~ +200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	282	%	±0.28	ASTM D412
Tensile Strength	7	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheet ones	-	-
Hardness	10	Shore A	±2	ASTM D2240

Need samples?

Available to apply adhesive

Pre-cut different shape



X Y Z
H48-2 - 15 - 20 - 3 - 1A, 20 4
1 2 3 4

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