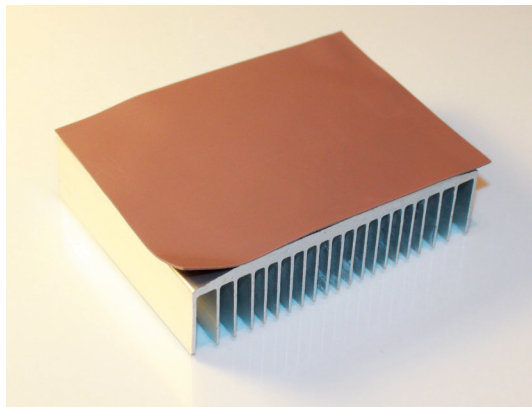


H48-2

Thermal Conductive Pad



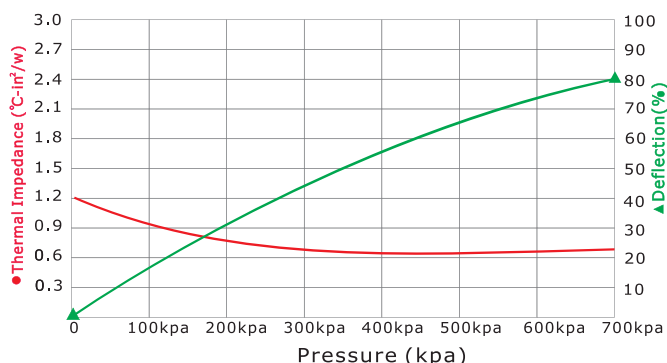
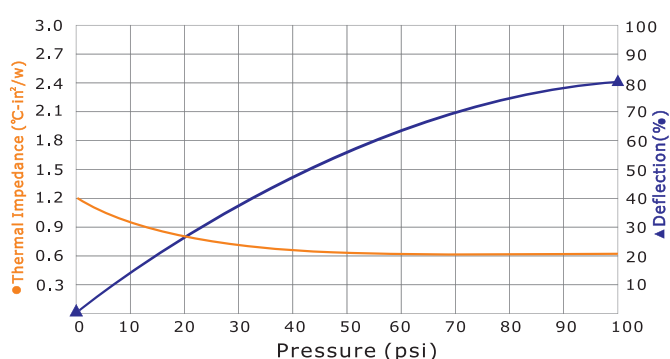
Features

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

Applications

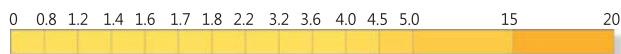
Electronic components: IC / CPU / MOS
LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device /
Wireless Hub etc....
DDR II Module / DVD Applications / Hand-Set applications etc...

Thermal Resistance V.S Pressure V.S Deflection



Properties

Thermal Conductivity: 2.2 W/mK
(W/mK - Z Axis)



Testing sample thickness :1.0 mm

REACH Compliant
RoSH Compliant

Hardness: 10 (Shore A)
(Shore A)



In the thermal resistance vs pressure vs deflection charts H48-2 provides low thermal impedance.

As the pressure increases the thermal impedance decreases. H48-2 provides good compliance and softness.

Property	L37-3	Unit	Tolerance	Test Method
Colour	Dark Red	-	-	Visual
Thickness (Available thickness range)	0.2 - 20	mm	-	ASTM D374
	0.0078 - 0.7874	inch	-	ASTM D374
Thermal Conductivity	2.2	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	2.43	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 to 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	-	Sheets 320-320mm	-	-
Hardness	10	Shore A	±2	ASTM D2240

Available with an adhesive backing



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

1. Part Number
2. Size X-Y-Z
3. Adhesive backing - 0=None, 1A-one side, 2A-two sides
4. Quantity