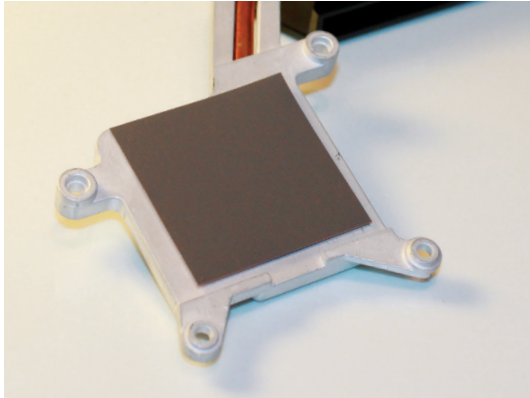


H48-6S

Thermal Conductive Pad



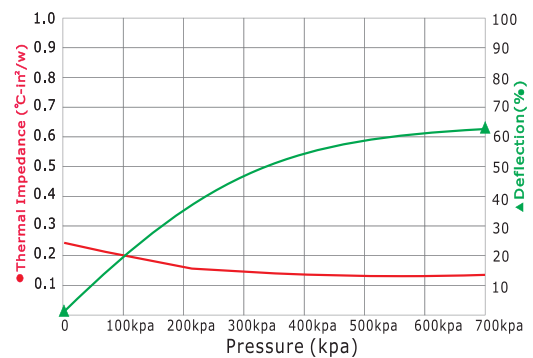
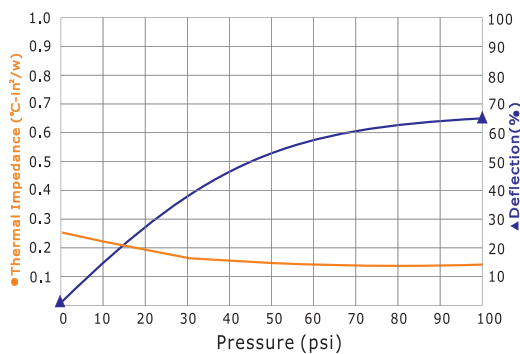
Features

- 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

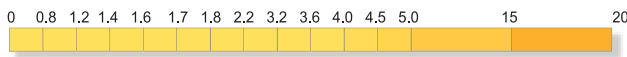


Properties

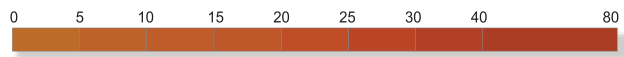
REACH Compliant

RoSH Compliant

Thermal Conductivity: 1.8 W/mK
(W/mK - Z Axis)



Hardness: 16 (Shore A)
(Shore A)



Testing sample thickness : 1.0 mm

In the thermal resistance vs pressure vs deflection charts H48-6S provides low thermal impedance.

As the pressure increases the thermal impedance decreases. H48-6S provides good compliance and softness.

Property	H46-6S	Unit	Tolerance	Test Method
Colour	Dark red	-	-	Visual
Thickness (Available thickness range)	0.2	mm	-	ASTM D374
	0.0079	inch	-	ASTM D374
Thermal Conductivity	1.8	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>7	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	1.95	g/cm ³	±0.2	ASTM D792
Working Temperature	-40 to 200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	0.2	%	-	ASTM D412
Tensile Strength	66.5	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	16	Shore A	±2	ASTM D2240

Available with an adhesive backing

