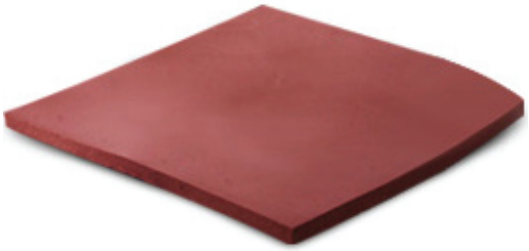
H48-6S
Thermal Conductive Pad



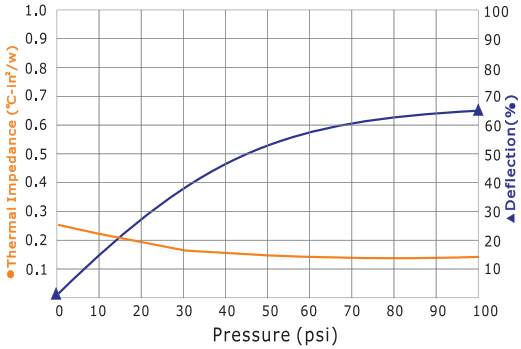
Features

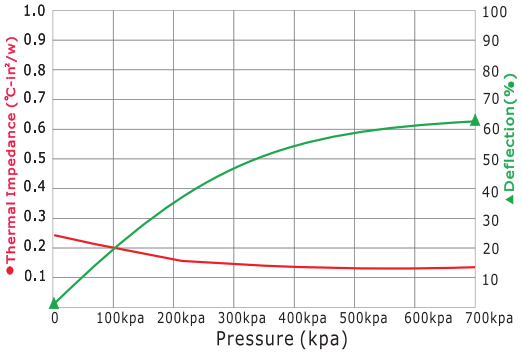
Very good thermal conductivity
Very soft and compressible
Natural tack
Easy to assemble
Very good insulator

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

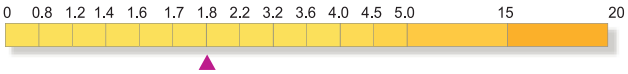




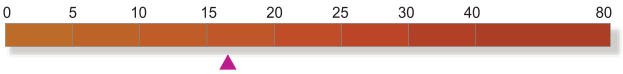
Properties

REACH Compliant
RoSH Compliant

Thermal Conductivity: 1.8 W/m.k
(W / m.k - Z Axis)



Hardeness: 16 (Shore A)
(Shore A)

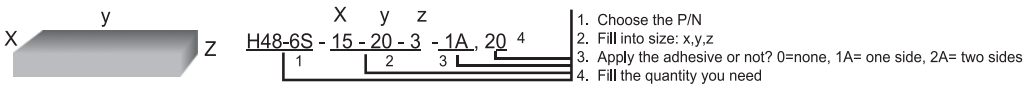


Testing sample thickness : 1.0 mm

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

Property	H46-6S	Unit	Tolerance	Test Method
Colour	Dark red	-	-	Visual
Thickness (The thickness can be ordered)	0.2	mm	-	ASTM D374
	0.0079	inch	-	ASTM D374
Thermal Conductivity	1.8	W/m.k	-	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	›7	kV/mm	-	ASTM D149
Weight Loss	‹1	%	-	ASTM E595
Specific Gravity	1.95	g/cm³	±0.2	ASTM D792
Working Temperature	-40~ +200	˚C	-	-
Volume Resistance	›10¹²	Ohm-cm	-	ASTM D257
Elongation	0.2	%	-	ASTM D412
Tensile Strength	66.5	Kgf/cm²	±2	ASTM D412
Standard Shape	-	Sheet ones	-	-
Hardness	16	Shore A	±2	ASTM D2240

Need samples? Available to apply adhesive Pre-cut different shape



Für weitere Informationen: INFRATRON GmbH · +49 (0) 89 / 158 126 - 0 · info@infratron.de · www.infratron.de