

H48-6G

Thermal Pad



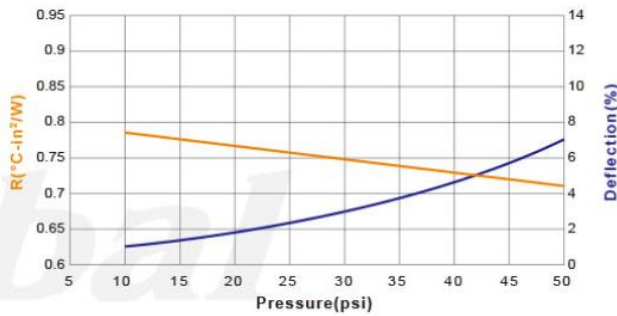
Features

- Very good thermal conductivity
- 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 VS. Pressure VS. Deflection



Pressure (psi)	R(°C-in ² /W)	Deflection(%)
10	0.78	1
30	0.75	3
50	0.71	7

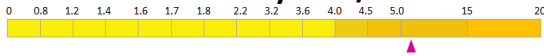
Properties

✓ REACH Compliant

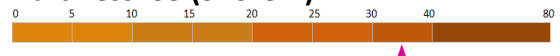
✓ RoHS Compliant

✓ UL Compliant

Thermal Conductivity: 6 W/m.K



Hardness: 35 (Shore A)

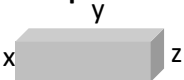


Testing sample thickness: 1.0mm

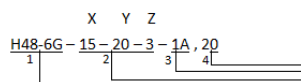
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6G provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6G provides good compliance and softness.

Properties	H48-6G	Unit	Tolerance	Test Method
Thermal Conductivity	6	W / mK	±0.6	ASTM D5470
Thickness	0.3~5.0	mm	-	ASTM D374
(the thickness can be ordered)	0.0118~0.1969	inch	-	ASTM D374
Color	Gray	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	13	KV / mm	±0.13	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	3.09	g / cm ³	±0.2	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	60	%	-	ASTM D412
Tensile Strength	6	Kgf / cm ²	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	35	Shore A	±5	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

T-Global Technology Co., Ltd

No. 33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330, Taiwan

TEL: +886-3-3618899

www.tglobalthermal.com

FAX: +886-3-3665666

www.tglobal.com.tw

