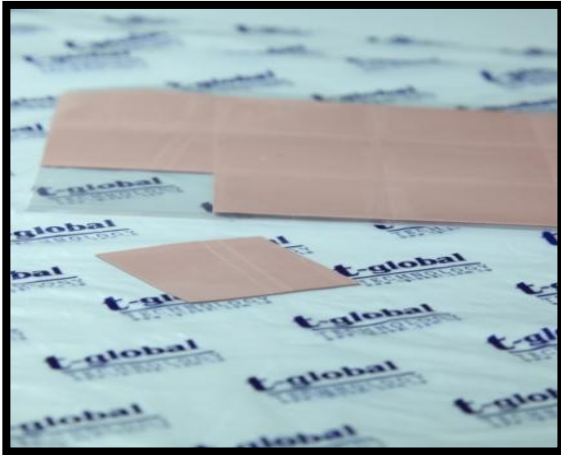


Thermal Pad



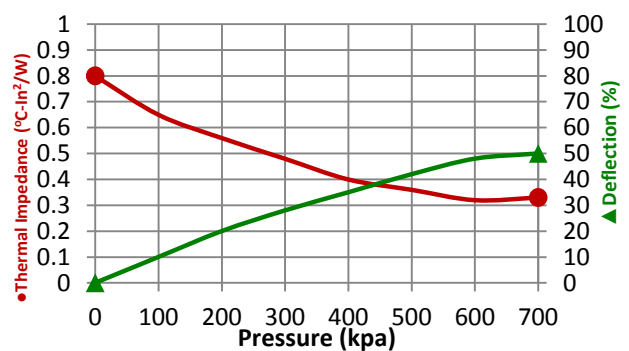
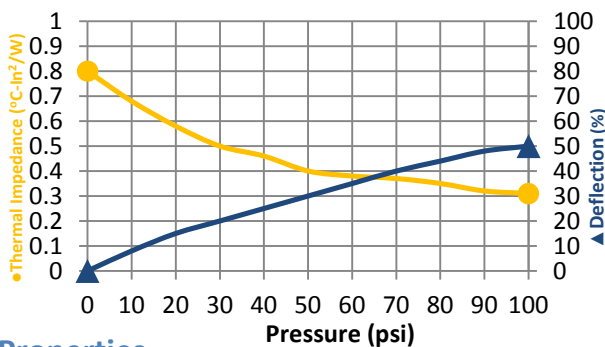
Features

- Very good thermal conductivity
- Soft and high compressibility
- Natural tack
- Easy to assemble
- Good insulator
- Shock & 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 VS. Pressure VS. Deflection

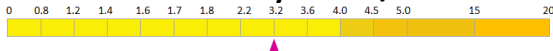


Properties

✓ REACH Compliant

✓ RoHS Compliant

Thermal Conductivity: 3.2 W/m.K



Hardness: 15 (Shore A)



Testing sample thickness: 1.0mm

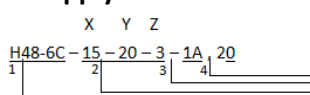
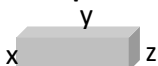
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, H48-6C provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. H48-6C provides good compliance and softness.

Properties	H48-6C	Unit	Tolerance	Test Method
Color	Gray	-	-	Visual
Thickness	0.3~20	mm	-	ASTM D374
(the thickness can be ordered)	0.0078~0.787	inch	-	ASTM D374
Thermal Conductivity	3.2	W/m.k	±0.4	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	1.5	kV/mm	±0.5	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.28	g/cm ³	±0.2	ASTM D792
Working Temperature	-40~+200	°C	-	-
Surface Resistance	10 ¹⁷	Ohm-cm	-	ASTM D257
Elongation	130	%	±13	ASTM D412
Tensile Strength	8	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheet ones	-	-
Hardness	15	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

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

