

PC94

Non-Silicone Thermal Pad



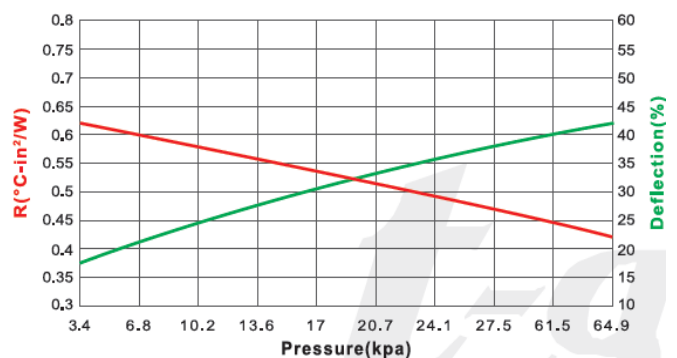
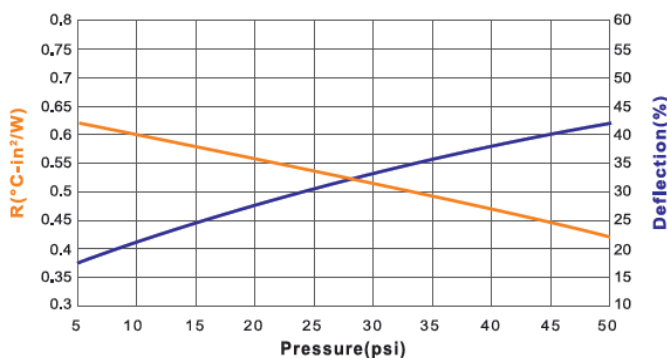
Features

- Non oil-bleed
- Ultra soft and great elongation
- Very low thermal impedance
- Electrical insulation
- Great thermal conductivity

Applications

- Best for hard disk
- 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

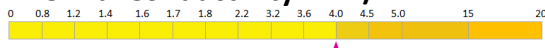
Thermal Resistance VS. Pressure VS. Deflection



Properties

- ✓ REACH Compliant
- ✓ RoHS Compliant
- ✓ UL Compliant

Thermal Conductivity: 4 W/m.K



Hardness: 60 (Shore 00)



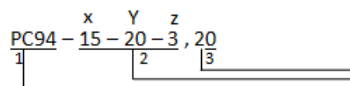
Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, PC94 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. PC94 provides good compliance and softness.

Properties	PC94	Unit	Tolerance	Test Method
Color	Red	-	-	Visual
Thickness	0.5~5.0	mm	-	ASTM D374
(the thickness can be ordered)	0.0197~0.1969	inch	-	ASTM D374
Thermal Conductivity	4	W / mK	±0.4	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	10	KV / mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.5	g / cm ³	±0.2	ASTM D792
Working Temperature	-30~+125	°C	-	-
Volume Resistance	10 ¹⁰	Ohm-cm	-	ASTM D257
Elongation	100	%	±13	ASTM D412
Tensile Strength	2	Kgf / mm ²	±2	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	60	Shore 00	±4.8	ASTM D2240

Need samples?

Pre-cut for different shapes



1. Choose the P/N
2. Fill into size: x, y, z
3. Fill the quantity you need

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

