



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

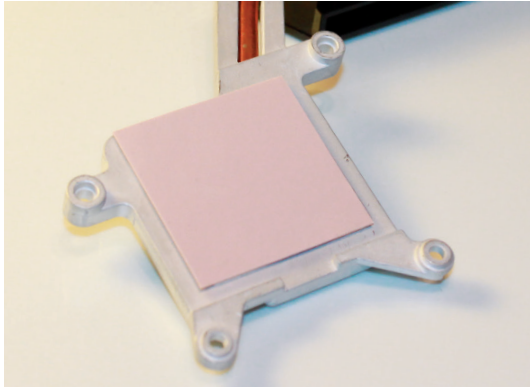
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PC94

Non-Silicone Thermal Conductive Pad



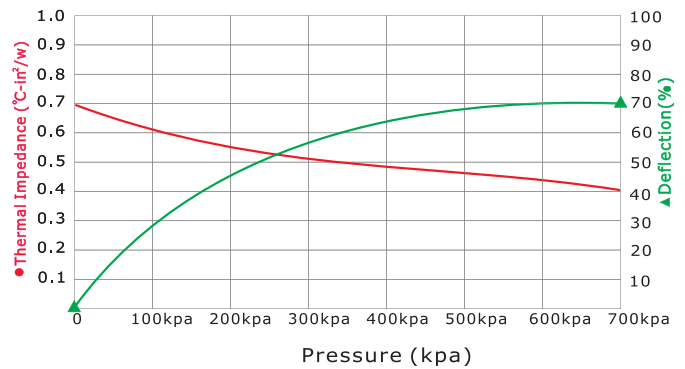
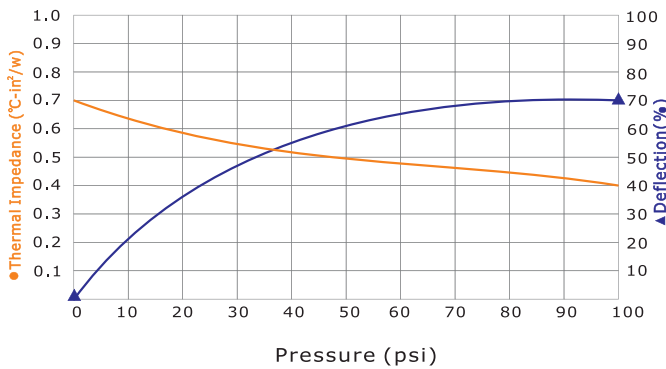
Features

- Low contact thermal impedance
- Good thermal conductivity
- Silicone free
- Long term stability

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

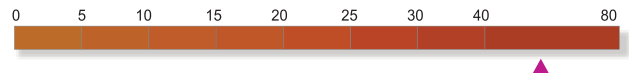
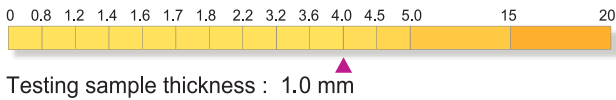


Properties

Thermal Conductivity: 4 W/mK
(W/mK- Z Axis)

Hardness: 60 (Shore 00)
(Shore 00)

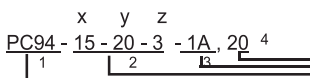
- REACH Compliant
- RoHS Compliant



In the thermal resistance vs pressure vs deflection charts PC94 provides low thermal impedance. As the pressure increases the thermal impedance decreases. PC94 provides good compliance and softness.

Property	PC94	Unit	Tolerance	Test Method
Colour	Red	-	-	Visual
Thickness (Available thickness range)	0.25 / 5.0	mm	-	ASTM D374
	0.0098 / 0.1969	inch	-	ASTM D374
Thermal Conductivity	4	W/mK	-	ASTM D5470
Flammability Rating	V-1	-	-	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	-40 to 105	°C	-	-
Volume Resistance	>10 ¹⁰	Ohm-cm	-	ASTM D257
Elongation	100	%	±13	ASTM D412
Tensile Strength	2	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	60	Shore 00	±5	ASTM D2240

Available with an adhesive backing



1. Part Number
2. Size X-Y-Z
3. Adhesive backing - 0-None, 1A-one side, 2A-two sides
4. Quantity