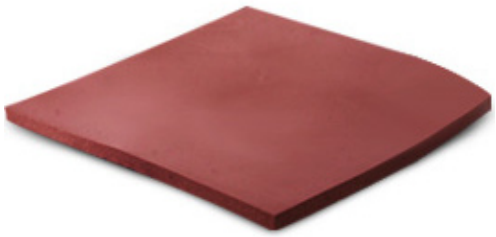
PC94
Non-Silicone Thermal Conductive Pad



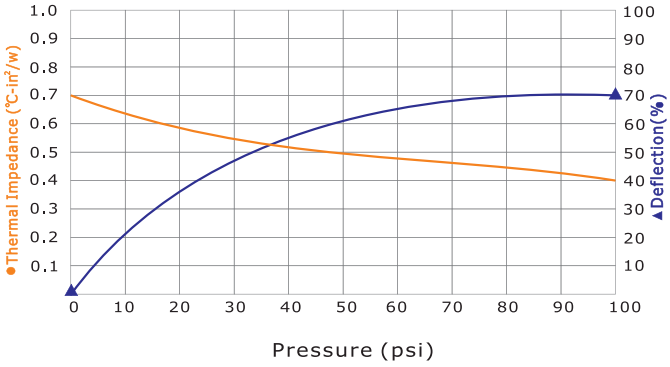
Features

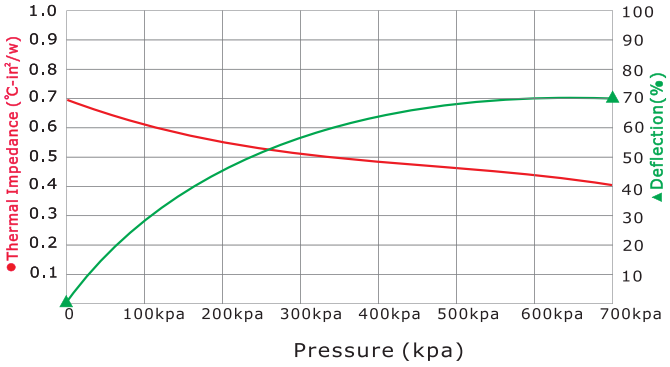
Low contact thermal impedance
Good thermal conductivity
Silicone free
Long term stability

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

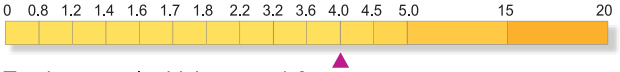




Properties

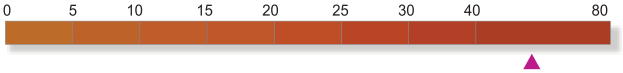
REACH Compliant
RoHS Compliant

Thermal Conductivity: 4 W/m.k
(W / m.k - Z Axis)



Testing sample thickness : 1.0 mm

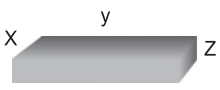
Hardeness: 60 (Shore 00)
(Shore 00)



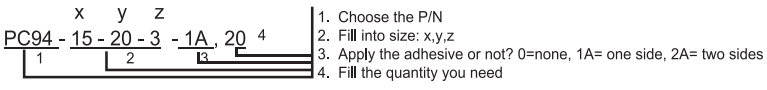
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, PC94 provide low thermal impedance. The pressure gets higher the thermal impedance gets lower, and deflection percentage gets higher. PC94 provide good compliance and softness.

Property	PC94	Unit	Tolerance	Test Method
Colour	Red	-	-	Visual
Thickness (The thickness can be ordered)	0.25 / 5.0	mm	-	ASTM D374
	0.0098 / 0.1969	inch	-	ASTM D374
Thermal Conductivity	4	W/m.k	-	ASTM D5470
Flame Rating	V-1	-	-	UL 94
Dielectric Breakdown Voltage	10	kV/mm	-	ASTM D149
Weight Loss	‹1	%	-	ASTM E595
Specific Gravity	2.5	g/cm³	±0.2	ASTM D792
Working Temperature	-40~ 105	°C	-	-
Volume Resistance	›10¹⁰	Ohm-cm	-	ASTM D257
Elongation	100	%	±13	ASTM D412
Tensile Strength	2	Kgf/cm²	±2	ASTM D412
Standard Shape	-	Sheet ones	-	-
Hardness	60	Shore 00	±5	ASTM D2240

Need samples?



Available to apply adhesive



Pre-cut different shape

Tel: +44 20 8133 2062 Email: sales@tglobaltechnology.com Web: www.tglobaltechnology.com Skype: tglobal.technology