

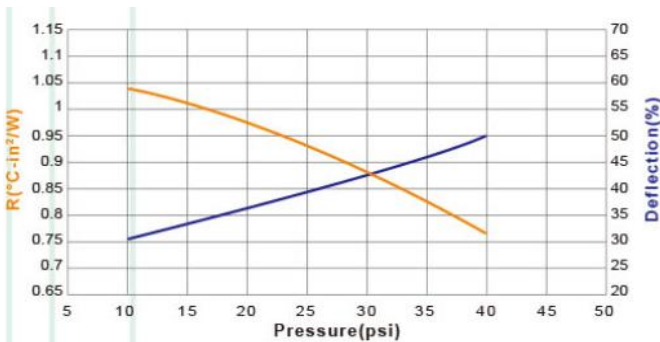
### Features

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

### Applications

Applications that require no silicone  
 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

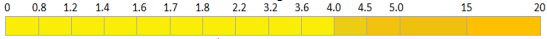
### Thermal Resistance VS. Pressure VS. Deflection



Pressure (psi)	R(°C-in²/W)	Deflection(%)
10	1.04	31
20	0.98	42
40	0.76	50

### Properties

**Thermal Conductivity: 2 W/m.K**



✓ REACH Compliant

✓ RoHS Compliant

✓ UL Compliant

**Hardness: 65 (Shore 00)**



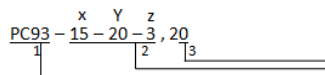
Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, PC93 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. PC93 provides good compliance and softness.

Properties	PC93	Unit	Tolerance	Test Method
Thermal Conductivity	2	W / mK	±0.2	ASTM D5470
Thickness	0.5~5.0	mm	-	ASTM D374
(the thickness can be ordered)	0.0197~0.1969	inch	-	ASTM D374
Color	Gray	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	10	KV / mm	±1	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.1	g / cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-30~+125	°C	-	-
Volume Resistance	>10 <sup>12</sup>	Ohm-cm	-	ASTM D257
Elongation	350	%	-	ASTM D412
Tensile Strength	1	Kgf / cm <sup>2</sup>	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	65	Shore 00	±10	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



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