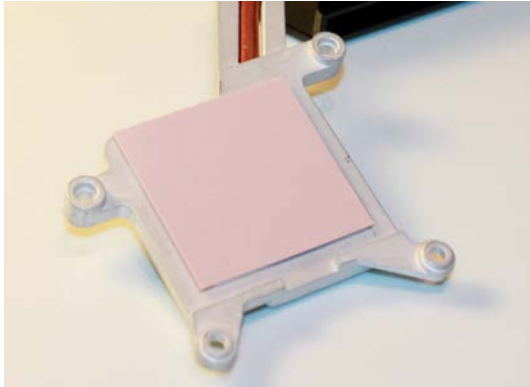


# PC96

## Non-Silicone Thermal Conductive Pad



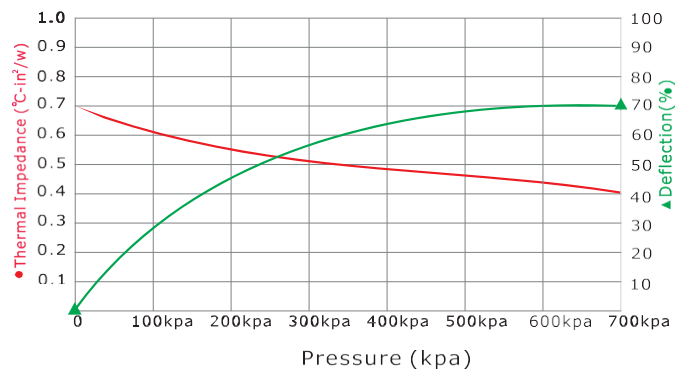
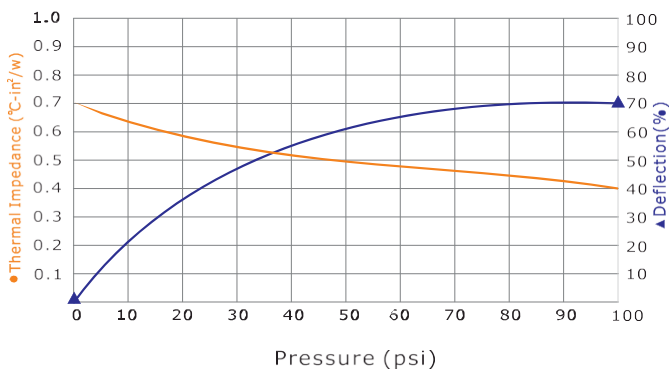
### Features

- 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 Defl



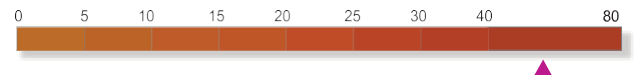
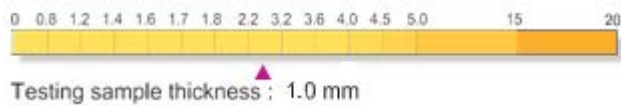
## Properties

REACH Compliant

RoHS Compliant

Thermal Conductivity: 2.5 W/mK  
(W/mK-Z Axis)

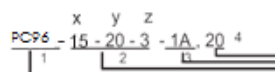
Hardness: 60 (Shore 00)  
(Shore 00)



In the thermal resistance vs pressure vs defl charts PC96 provides low thermal impedance.  
As the pressure increases the thermal impedance decreases. PC96 provides good compliance and softness.

| Property                                 | PC96              | Unit             | Tolerance | Test Method |
|--|-------------------|------------------|-----------|-------------|
| Colour                                   | Yellowish white   | -                | -         | Visual      |
| Thickness<br>(Available thickness range) | 0.25 / 5.0        | mm               | -         | ASTM D374   |
|  | 0.0098 / 0.1969   | inch             | -         | ASTM D374   |
| Thermal Conductivity                     | 2.5               | W/mK             | -         | ASTM D5470  |
| Flammability Rating                      | V-1               | -                | -         | UL 94       |
| Dielectric Breakdown Voltage             | 10                | kV/mm            | -         | ASTM D149   |
| Weight Loss                              | <0.1              | %                | -         | ASTM E595   |
| Specific Gravity                         | 1.5               | g/cm³            | ±0.2      | ASTM D792   |
| Working Temperature                      | -40 to 125        | °C               | -         | -           |
| Volume Resistance                        | >10 <sup>10</sup> | Ohm-cm           | -         | ASTM D257   |
| Elongation                               | 100               | %                | ±13       | ASTM D412   |
| Tensile Strength                         | 2                 | Kgf/cm²          | ±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=oneside, 2A=twosides
4. Quantity