



# PC98 Non Silicone Thermal Interface Material

Version 1.131017

## Non Silicone Thermal Interface Material

PC98 is a white, highly filled non-silicone system suitable for thermal dissipation of electronic devices. It has stable pot life and long shelf life even at room temperature of 25°C.

### Features

- Unique, non-silicone formulation
- No out-gassing
- Thermal conductivity 5 W/mK
- Hardness of 40 (Shore 00)
- Range of thicknesses available
- Can be cut to custom shapes

### Applications

- Heat dissipation from electronic components.
- Cooling of consumer electronics
- Automotive electronics
- Hard drives
- LED lighting systems

### Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

### Guidelines for Use

1. Wear rubber gloves when handling the product.
2. Place the product onto the required electronic part and circuit.
3. No heating or curing is required.
4. The product can be applied and removed easily. Care must be taken during installation to avoid tearing.

### Storage

Store this non-silicone thermal interface material in an air tight container in a cool (20°C to 30°C), dark place to prolong shelf life. Avoid contact with moisture.

Property	PC98	Unit	Tolerance	Test Method
Chemical type	Non-silicone	-		-
Tackiness	No adhesive/1A/2A	-		-
Appearance	White	-		-
Shelf life, 25°C	12	Month		-
Operating temperature	-40 to 150	°C		-
Tensile strength	4.0 – 6.0	kg/cm <sup>2</sup>		ASTM D412
Elongation	> 80	%		ASTM D412
Hardness	40	Shore 00		ASTM D2240
Viscosity	Pad	cP		ASTM D445
Thermal conductivity	5	Wm-1K-1		ASTM D5470
Density	1.5	g/cm <sup>3</sup>		ASTM D792

### Part Number Information

#### PC98

Product	Length	Width	Thickness
PC98	288	192	As requested

\* All measurements in mm

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