

# Thermal Interface Material



## MA700P



- Highly conformable
- Highly compressible

Properties	Unit	MA700P
Color		Grey
<b>Thermal Properties</b>		
Thermal Conductivity	W/mK	5.0
Thermal Impedance	°C cm <sup>2</sup> /W (°C in <sup>2</sup> /W)	1.5 (0.23) at 1mm; 30psi
<b>Electrical Properties</b>		
Dielectric Strength	kV/mm	6.0
Volume Resistivity	MΩm	10 <sup>11</sup>
Dielectric Constant ε <sub>r</sub>		
<b>Mechanical Properties</b>		
Tensile Strength	MPa (psi)	0.1 (15)
Elongation	%	20 (290)
Sustain 50% compression	psi	6.5 (1mm)
<b>Physical Properties</b>		
Application Temperature	°C (°F)	-40 to +180 (-40 to +356)
Density	g/cm <sup>3</sup>	3.1
Possible Thickness	mm (inch)	0.5 to 3.0 (0.02 to 0.12)

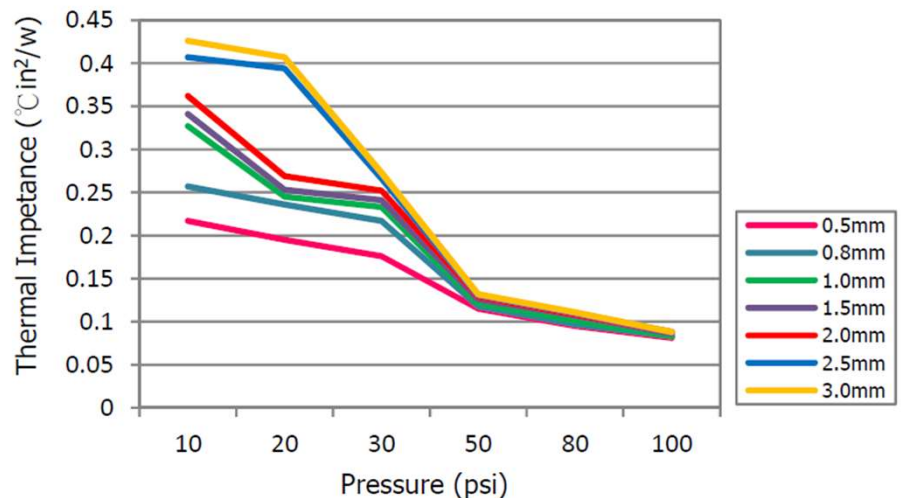
## Applications

- Projector
- Notebook
- Tablet
- Telecommunications
- Automotive electronics
- Smartphone
- Storage devices
- Electric vehicle

## Options

- Delivered in sheet form

### Thermal impedance vs. Pressure



The data provide engineering guidance, performance in actual applications should be established through testing.