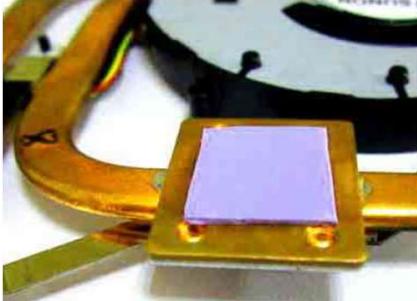


# Thermal Interface Material



## MA500



- Soft material
- Low compression required
- Low oil bleeding
- Naturally tacky

## Applications

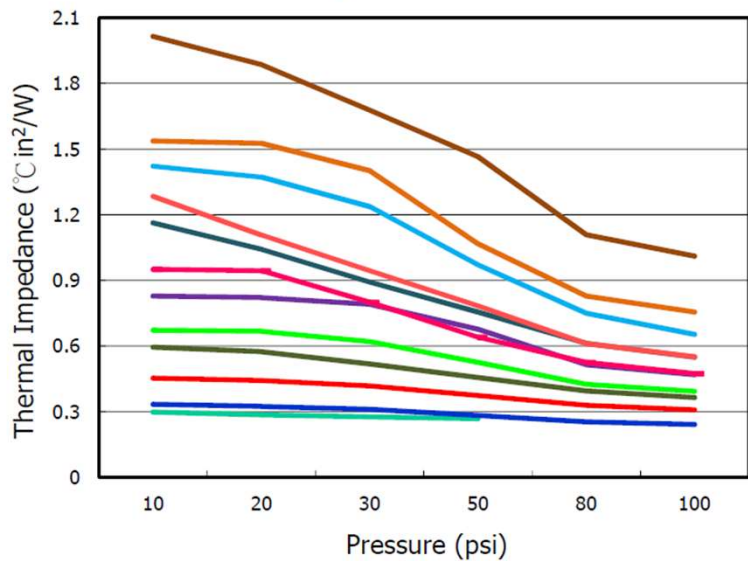
- Projector
- Optical equipment
- Telecommunications
- Smartphone
- Automotive electronics
- Medical equipment
- Computers
- Storage devices
- Smartphone

## Options

- Wide range of thicknesses available

Properties	Unit	MA500
Color		Lavender
<b>Thermal Properties</b>		
Thermal Conductivity	W/mK	3.0
Thermal Impedance	°C cm <sup>2</sup> /W (°C in <sup>2</sup> /W)	3.0 (0.5) at 1mm; 30psi
<b>Electrical Properties</b>		
Dielectric Strength	kV/mm	7.0
Volume Resistivity	MΩm	10 <sup>12</sup>
<b>Mechanical Properties</b>		
Hardness	Shore 00	42
Tensile Strength	MPa (psi)	0.12 (17)
Elongation	%	189
<b>Physical Properties</b>		
Application Temperature	°C (°F)	-40 to +180 (-40 to +356)
Density	g/cm <sup>3</sup>	2.9
Flame rating	UL-94	V-0
Possible Thickness	mm (inch)	0.3 to 5.5 (0.012 to 0.216)

**Thermal Impedance vs. Pressure**



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