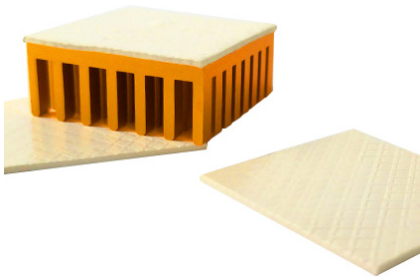


Ultra Soft Thermal Pads

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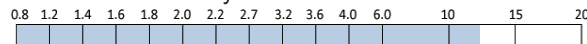
**RoHS
Compliant**



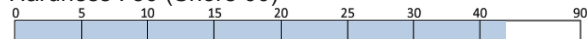
Features

- Very good thermal conductivity
- High compressibility and compliancy
- Natural tack

Thermal Conductivity : 3.5 W / mK



Hardness : 30 (Shore 00)

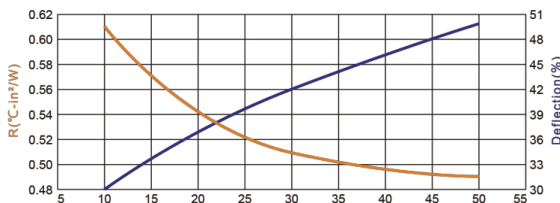


Applications

Best for high power applications

Electronic components: IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, DVD Applications, Hand-set applications etc.

Thermal Resistance VS. Pressure VS. Deflection



Pressure (psi)	R(°C-in²/W)	Deflection(%)
10	0.610	30
30	0.510	42
50	0.490	50

Properties

Properties	TG-A3500	Unit	Tolerance	Test Method
Thermal Conductivity	3.5	W / mK	±10%	ASTM D5470
Thickness	0.5 to 8	mm	-	ASTM D374
	0.0197 to 0.315	inch	-	ASTM D374
Colour	Yellow	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	6	kV / mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.3	g / cm ³	±10%	ASTM D792
Working Temperature	-50 to +150	°C	-	-
Volume Resistance	8 × 10 ¹²	Ohm-m	-	ASTM D257
Elongation	80	%	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	30	Shore 00	±15	ASTM D2240
Need samples?	Pre-cut for different shapes			

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Ultra Soft Thermal Pads multicomp^{PRO}

Part Number Table

Description	Part Number
Ultra Soft Thermal Pad, Yellow, 3.5W/mK, 150mm × 150mm × 0.5mm	MP-TG-A3500-150-0.5
Ultra Soft Thermal Pad, Yellow, 3.5W/mK, 150mm × 150mm × 1mm	MP-TG-A3500-150-1
Ultra Soft Thermal Pad, Yellow, 3.5W/mK, 150mm × 150mm × 1.5mm	MP-TG-A3500-150-1.5
Ultra Soft Thermal Pad, Yellow, 3.5W/mK, 150mm × 150mm × 2mm	MP-TG-A3500-150-2
Ultra Soft Thermal Pad, Yellow, 3.5W/mK, 150mm × 150mm × 3mm	MP-TG-A3500-150-3

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