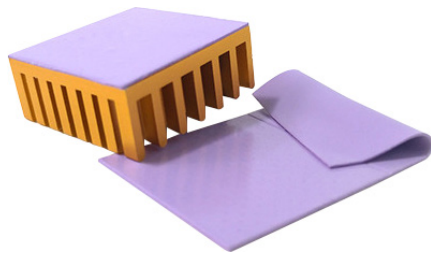


# Ultra Soft Thermal Pads

**multicomp**PRO

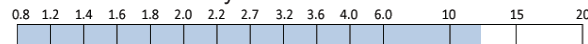


## Features

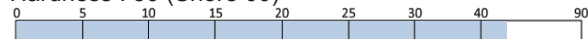
- High thermal conductivity
- High compressibility and compliancy
- Natural tack

**RoHS  
Compliant**

Thermal Conductivity : 4.5 W / mK



Hardness : 50 (Shore 00)

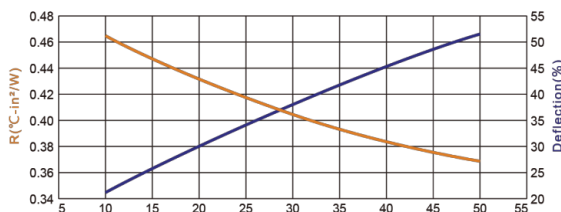


## Applications

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	0.465	21
30	0.405	38
50	0.369	52

## Properties

Properties	TG-A4500	Unit	Tolerance	Test Method
Thermal Conductivity	4.5	W / mK	±10%	ASTM D5470
Thickness	0.5 to 8	mm	-	ASTM D374
	0.0197 to 0.315	inch	-	ASTM D374
Colour	Purple	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	6	kV / mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.1	g / cm <sup>3</sup>	±10%	ASTM D792
Working Temperature	-50 to +150	°C	-	-
Volume Resistance	1 × 10 <sup>13</sup>	Ohm-m	-	ASTM D257
Elongation	50	%	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	50	Shore 00	±15	ASTM D2240
Need samples?	Pre-cut for different shapes			

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

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## Part Number Table

Description	Part Number
Ultra Soft Thermal Pad, Purple, 4.5W/mK, 150mm × 150mm × 0.5mm	MP-TG-A4500-150-0.5
Ultra Soft Thermal Pad, Purple, 4.5W/mK, 150mm × 150mm × 1mm	MP-TG-A4500-150-1
Ultra Soft Thermal Pad, Purple, 4.5W/mK, 150mm × 150mm × 1.5mm	MP-TG-A4500-150-1.5
Ultra Soft Thermal Pad, Purple, 4.5W/mK, 150mm × 150mm × 2mm	MP-TG-A4500-150-2
Ultra Soft Thermal Pad, Purple, 4.5W/mK, 150mm × 150mm × 3mm	MP-TG-A4500-150-3

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