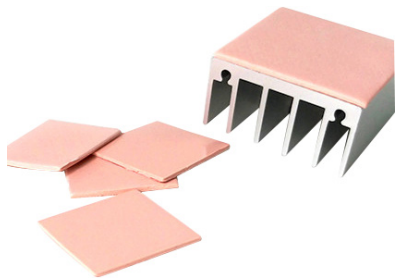


# Ultra Soft Thermal Pads

# multicomp<sup>PRO</sup>

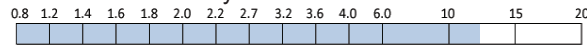


## Features

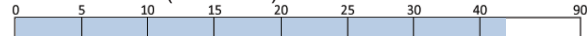
- High thermal conductivity
- Low thermal resistance
- Electrical insulation

**RoHS  
Compliant**

Thermal Conductivity : 14.5 W / mK



Hardness : 60 (Shore 00)

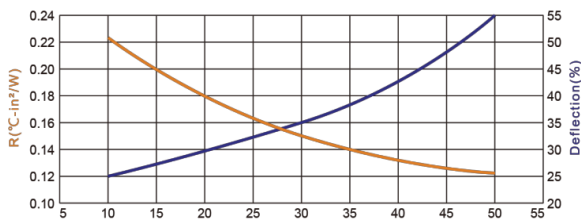


## Applications

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	0.223	25
30	0.150	35
50	0.122	55

## Properties

Properties	TG-A1450	Unit	Tolerance	Test Method
Thermal Conductivity	14.5	W / mK	±10%	ASTM D5470
Thickness	0.5 to 2	mm	-	ASTM D374
	0.0197 to 0.0787	inch	-	ASTM D374
Colour	Red	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	4	kV / mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.6	g / cm <sup>3</sup>	±10%	ASTM D792
Working Temperature	-50 to +150	°C	-	-
Volume Resistance	7 × 10 <sup>12</sup>	Ohm-m	-	ASTM D257
Elongation	30	%	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	60	Shore 00	±5	ASTM D2240
Need samples?	Pre-cut for different shapes			

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

# multicomp<sup>PRO</sup>

## Part Number Table

Description	Part Number
Ultra Soft Thermal Pad, Red, 14.5W/mK, 150mm × 150mm × 0.5mm	MP-TG-A1450-150-0.5
Ultra Soft Thermal Pad, Red, 14.5W/mK, 150mm × 150mm × 1mm	MP-TG-A1450-150-1.0

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