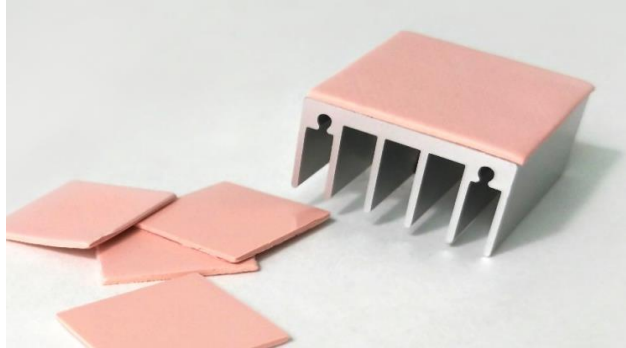


TG-A1450

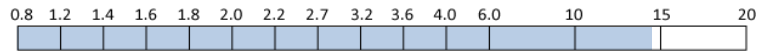
Ultra Soft Thermal Pad

REACH RoHS UL

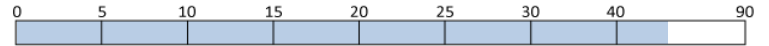


Features
 High thermal conductivity
 Low thermal resistance
 Electrical insulation

Thermal Conductivity : 14.5 W / mK



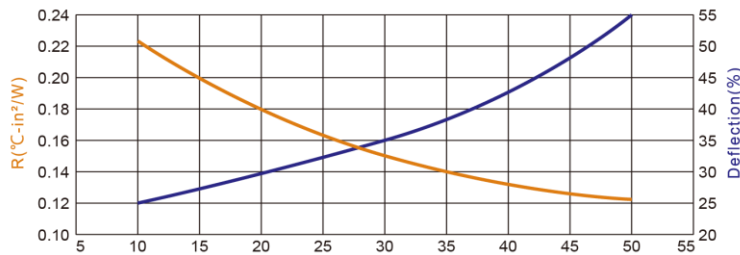
Hardness : 60 (Shore 00)



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	0.5~2.0	mm	-	ASTM D374
	0.0197~0.0787	inch	-	ASTM D374
Color	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 ³	±10%	ASTM D792
Working Temperature	-50 ~ +150	°C	-	-
Volume Resistance	7x10 ¹²	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**

T-Global Technonology Co., Ltd

Provide professional thermal engineering solutions and full range of products.

No. 33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330, Taiwan

T: +886-3-3618899 M: service@tglobal.com.tw W: www.tglobalcorp.com

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