



TG-A1250

Ultra Soft Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

- High thermal conductivity
- Low thermal resistance
- High compressibility and compliancy
- Good electrical insulation

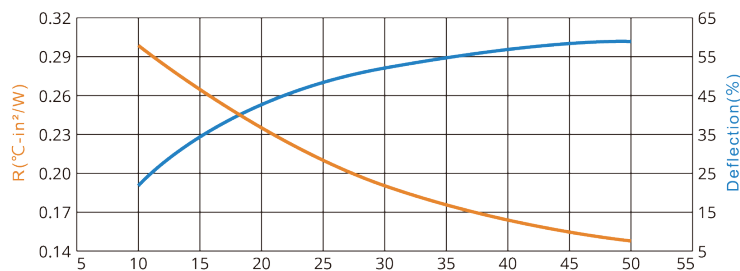
Applications

Best for high power applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

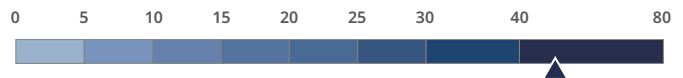
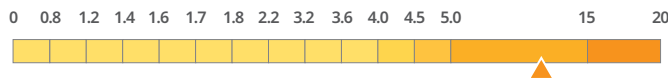
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	0.304	19
30	0.194	53
50	0.147	58

Thermal Conductivity : 12.5 W/mK

Hardness : 50 (Shore 00)



Properties	TG-A1250	Unit	Tolerance	Test Method
Thermal Conductivity	12.5	W/mK	±10%	ASTM D5470
Thickness	0.5~8.0	mm	-	ASTM D374
	0.0197~0.3149	inch	-	ASTM D374
Colour	Green	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	6.5	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.3	g/cm ³	±10%	ASTM D792
Working Temperature	-50~+150	°C	-	-
Volume Resistance	1 × 10 ¹³	Ohm-m	-	ASTM D257
Elongation	40	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	50	Shore 00	±8	ASTM D2240

Pre-cut for different shapes

T-Global Technology (Europe & North America) Limited

Units 1-2 Cosford Business Park, Central Park, Lutterworth, Leicestershire, LE17 4QU, United Kingdom
T +44 (0)1455 553 510 **E** sales@tglobaltechnology.com **W** www.tglobaltechnology.com

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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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