

TG-A4500

Ultra Soft Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

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

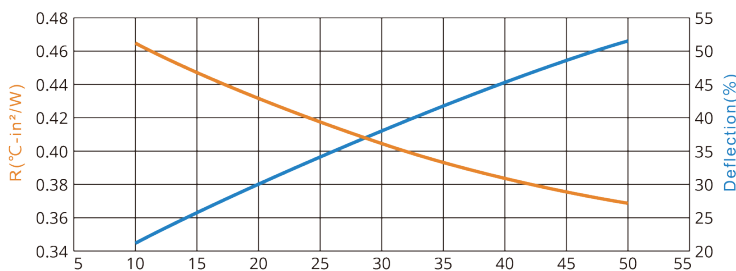
Applications

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

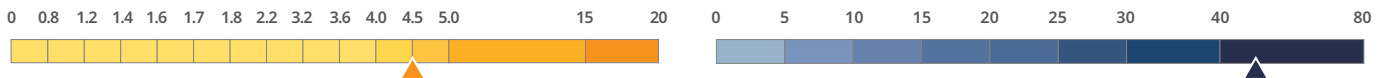
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	0.465	21
30	0.405	38
50	0.369	52

Thermal Conductivity : 4.5 W/mK

Hardness : 50 (Shore 00)



Properties	TG-A4500	Unit	Tolerance	Test Method
Thermal Conductivity	4.5	W/mK	±10%	ASTM D5470
Thickness	0.5~8.0	mm	-	ASTM D374
	0.0197~0.3149	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/cm³	±10%	ASTM D792
Working Temperature	-50~+150	°C	-	-
Volume Resistance	1 × 10 ¹³	Ohm-m	-	ASTM D257
Elongation	50	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	50	Shore 00	±15	ASTM D2240

Pre-cut for different shapes

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