

TG-ALC

High Performance Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

- Great thermal conductivity
- Difficult to be deformed
- Easy to assemble
- Two side low tack

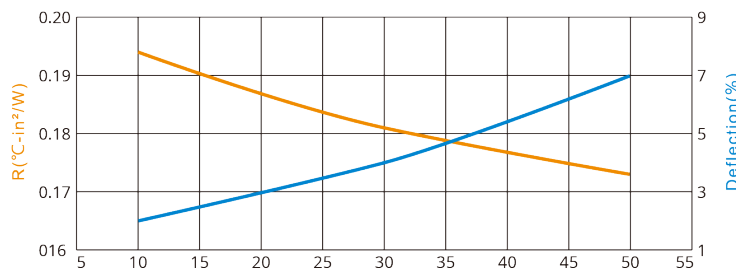
Applications

Best for low and medium 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

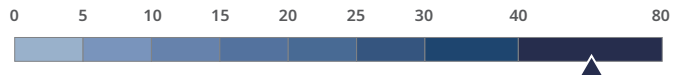
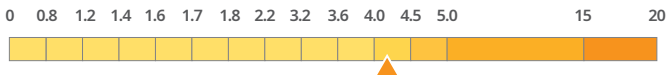
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	0.194	2
30	0.181	4
50	0.173	7

Thermal Conductivity : 4.2 W/mK

Hardness : 60 (Shore A)



Properties	TG-ALC	Unit	Tolerance	Test Method
Thermal Conductivity	4.2	W/mK	±10%	ASTM D5470
Thickness	0.2/0.3	mm	-	ASTM D374
	0.0079/0.0118	inch	-	ASTM D374
Color	Green	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥4	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.9	g/cm ³	-	ASTM D792
Working Temperature	-50~+180	°C	-	-
Volume Resistance	1 × 10 ¹²	Ohm-m	-	ASTM D257
Elongation	10	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	60	Shore A	±10%	ASTM D2240

*Different tolerances according to the selected thickness
 *Pre-cut for different shapes

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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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