

L37-5 / TG-AL375 Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

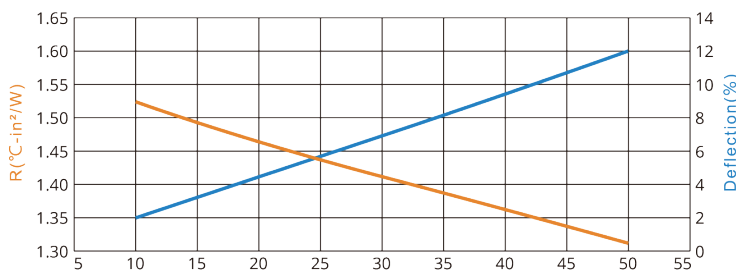
- Flexible, and difficult to be deformed
- Easy to be handled
- Electrical insulation

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

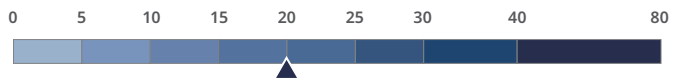
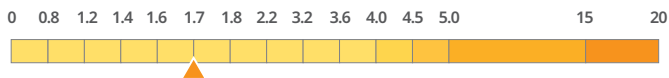
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	1.52	8
30	1.41	6
50	1.31	4

Thermal Conductivity : 1.7 W/mK

Hardness : 20 (Shore A)



Properties	L37-5 / TG-AL375	Unit	Tolerance	Test Method
Thermal Conductivity	1.7	W/mK	±10%	ASTM D5470
Thickness	0.3~20.0	mm	-	ASTM D374
	0.0118~0.787	inch	-	ASTM D374
Colour	Grey	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	10.2	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.38	g/cm ³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-m	-	ASTM D257
Elongation	300	%	-	ASTM D412
Tensile strength	12	kgf/cm ²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	20	Shore A	±5	ASTM D2240

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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