



# L37-5S / TG-A375S

## Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

### Features

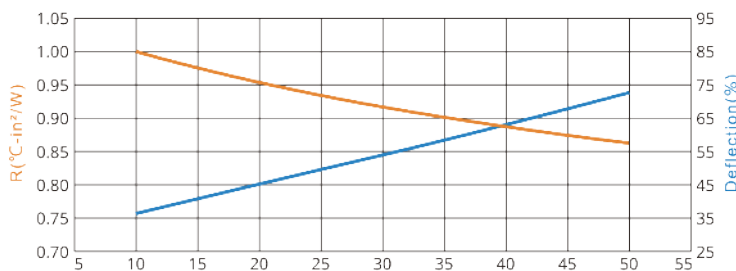
- Best for filling the gap
- Compliance, high compressibility
- Low hardness
- Lower pressure to heated components or PCB

### 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

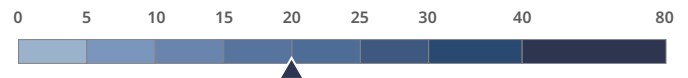
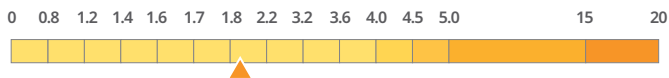
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.00	36
30	0.92	54
50	0.87	72

Thermal Conductivity : 1.9 W/mK

Hardness : 20 (Shore 00)



Properties	L37-5S / TG-A375S	Unit	Tolerance	Test Method
Thermal Conductivity	1.9	W/mK	±10%	ASTM D5470
Thickness	0.5~5.0	mm	-	ASTM D374
	0.0197~0.197	inch	-	ASTM D374
Colour	Grey	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	16.3	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.4	g/cm <sup>3</sup>	±10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>10</sup>	Ohm-m	-	ASTM D257
Elongation	300	%	-	ASTM D412
Tensile strength	1	kgf/cm <sup>2</sup>	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	20	Shore 00	±10	ASTM D2240

Pre-cut for different shapes

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