

# TG-A373F / L37-3F Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

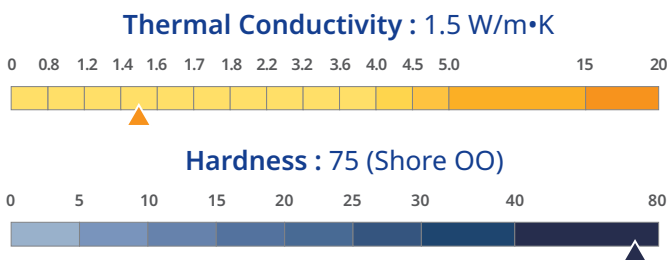
## Features

- Low elongation
- Electrical insulation
- Easy to assemble
- Made from silicone, thermal conductive particles, fiberglass

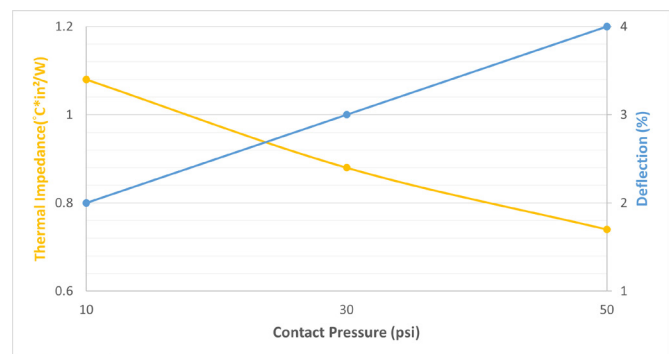
## Application:

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

## Properties



## Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-A373F / L37-3F	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.5	±10%	ASTM D5470 Modified
Thickness	mm	0.25/0.3/0.45	-	ASTM D374
	inch	0.0098/0.0118/0.0177	-	ASTM D374
Color	-	Yellow	-	Colorimeter CIE 1976
Reinforcement Carrier	-	Fiberglass Mesh	-	-
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV	≥3.1/≥4.1/≥5.1	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm³	2	±5%	ASTM D792
Operating Temperature	°C	-40~+200	-	-
Volume Resistivity	Ohm-m	>10 <sup>11</sup>	-	ASTM D257
Elongation	%	5	-	ASTM D412
Tensile strength	kgf/cm²	150	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	75	±7	ASTM D2240

- ※For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production
- ※Different tolerances according to the selected thickness
- ※Die-cut for different shapes

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