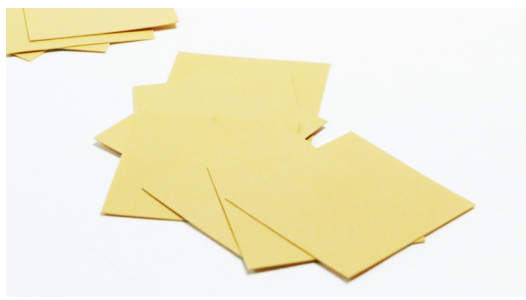




TG-A373F / L37-3F Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

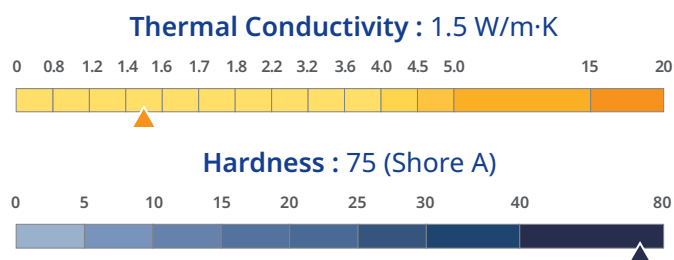
Features

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

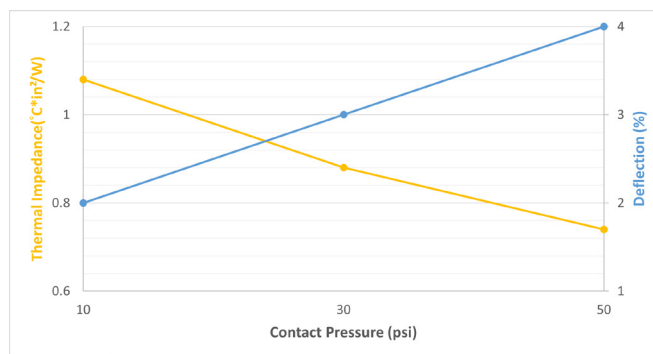
Applications

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	-	By T-Global
Density	g/cm³	2	±5%	ASTM D792
Operating Temperature	°C	-40~+200	-	-
Volume Resistivity	Ohm·m	>10 ¹¹	-	ASTM D257
Elongation	%	5	-	ASTM D412
Tensile strength	kgf/cm²	150	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	75	±7	ASTM D2240

※Different tolerances according to the selected thickness

※Die-cut for different shapes

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