

# TG-AD75

## Ultra Soft Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

### Features

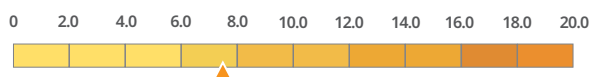
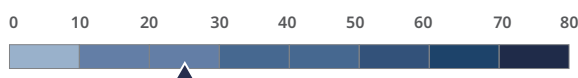
- High thermal conductivity
- Low thermal impedance
- Great electrical insulation
- High reliability and stability

### Applications

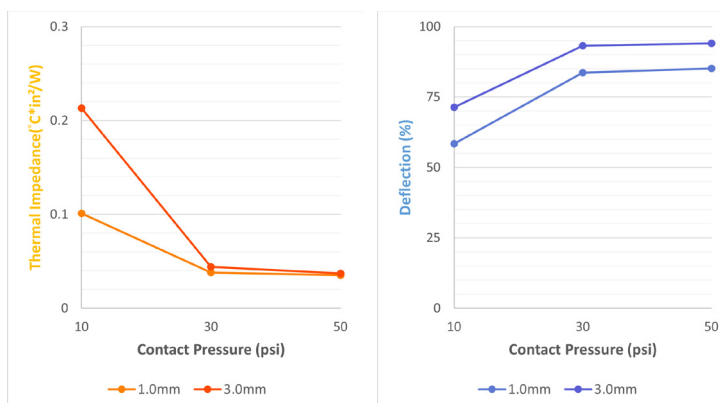
**Best for high power applications**

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

**Thermal Conductivity : 7.5 W/m·K**

**Hardness : 25 (Shore OO)**


### Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-AD75	Tolerance	Test Method
Thermal Conductivity	W/m·K	7.5	±10%	ISO 22007-2
Thickness	mm	1.0~5.0	-	ASTM D374
	inch	0.0394~0.1967	-	ASTM D374
Color	-	Gray	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥5	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm³	3.2	±5%	ASTM D792
Operating Temperature	°C	-50~+150	-	-
Volume Resistivity	Ohm·m	10 <sup>12</sup>	±10%	ASTM D257
Tensile Strength @T3.0mm	kgf/cm²	≥3	-	ASTM D412
Elongation	%	≥20	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	25	±10	ASTM D2240

※ Different tolerances according to the selected thickness

※ Die-cut for different shapes

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