



# TG-A486G / H48-6G

## Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

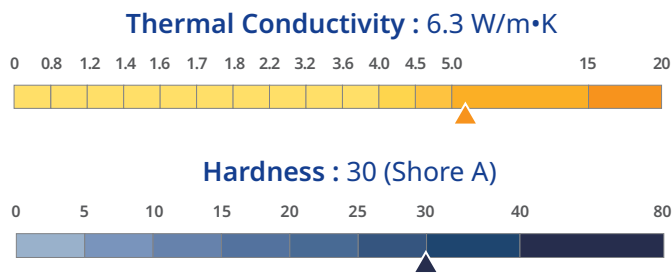
### Features

- Very good thermal conductivity
- Very good to insulator
- Natural tack
- Easy to assemble

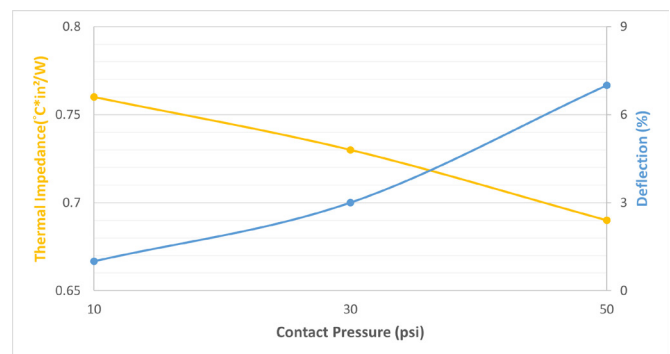
### Application:

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-A486G / H48-6G	Tolerance	Test Method
Thermal Conductivity	W/m·K	6.3	±10%	ASTM D5470 Modified
Thickness	mm	0.3~5.0	-	ASTM D374
	inch	0.0118~0.1969	-	ASTM D374
Color	-	Gray	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV/mm	≥13.3	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm³	3.09	±5%	ASTM D792
Operating Temperature	°C	-40~+200	-	-
Volume Resistivity	Ohm-m	>10 <sup>11</sup>	-	ASTM D257
Elongation	%	60	-	ASTM D412
Tensile Strength	kgf/cm²	6	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	30	±10	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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