

## TG-AH486 / H48-6 Thermal Pad

REACH Compliant

RoHS Compliant

UL Compliant

### Features

- Very good thermal conductivity
- Soft and high compressibility
- Natural tack
- Easy to assemble

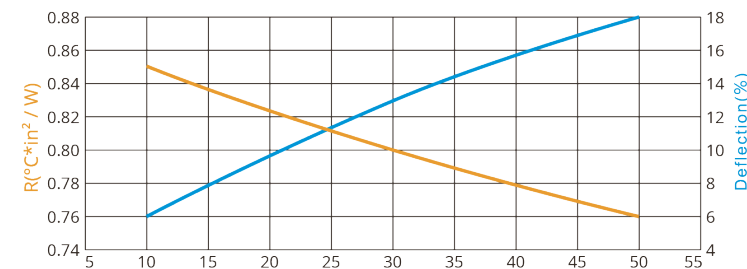
### Application:

Products of server, IPC

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



Contact Pressure (psi)	Thermal Impedance (°C*in <sup>2</sup> /W)	Deflection (%)
10	0.85	6
30	0.80	13
50	0.76	18

Thermal Conductivity : 3.4 W/mK

Hardness : 25 (Shore A)



Properties	Unit	TG-AH486 / H48-6	Tolerance	Test Method
Thermal Conductivity	W/m·K	3.4	± 10%	ASTM D5470 Modified
Thickness	mm	0.3~20.0	-	ASTM D374
	inch	0.0118~0.787	-	ASTM D374
Color	-	Dark Gray	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV/mm	≥2	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm <sup>3</sup>	2.42	± 5%	ASTM D792
Operating Temperature	° C	-40~+200	-	-
Volume Resistivity	Ohm-m	>10 <sup>11</sup>	-	ASTM D257
Elongation	%	130	-	ASTM D412
Tensile Strength	kgf/cm <sup>2</sup>	8	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore A	25	± 5	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

Produkt anfragen