



# H48-6C / TG-A486C Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

## Features

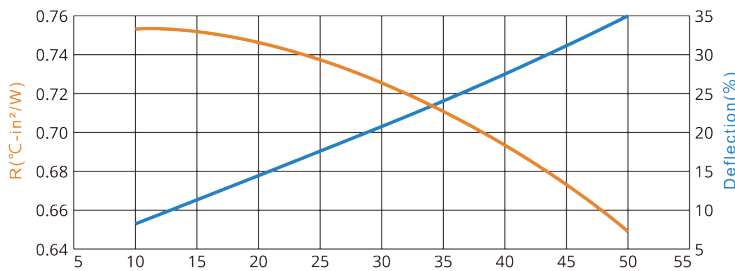
- Very good thermal conductivity
- Soft and high compressibility
- Easy to assemble
- Electrical insulation

## Applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

## Properties

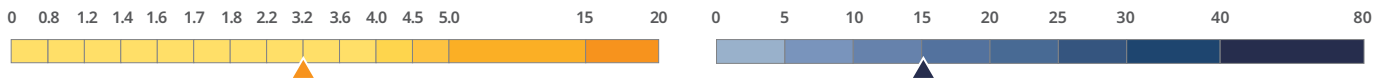
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	0.755	8
30	0.725	21
50	0.650	35

Thermal Conductivity : 3.2 W/mK

Hardness : 15 (Shore A)



Properties	H48-6C / TG-A486C	Unit	Tolerance	Test Method
Thermal Conductivity	3.2	W/mK	±10%	ASTM D5470
Thickness	0.3~20.0	mm	-	ASTM D374
	0.0118~0.787	inch	-	ASTM D374
Colour	Dark Grey	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	>5	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.42	g/cm³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-m	-	ASTM D257
Elongation	130	%	-	ASTM D412
Tensile Strength	8	kgf/cm²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	15	Shore A	±5	ASTM D2240

Pre-cut for different shapes

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Version 17  
20200701



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