



H48-6G / TG-A486G Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

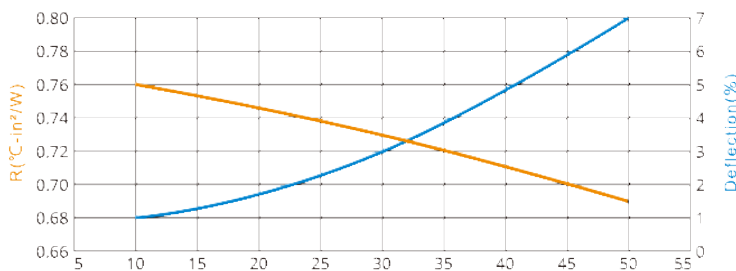
- Very good thermal conductivity
- Very good to insulator
- Natural tack
- Easy to assemble

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

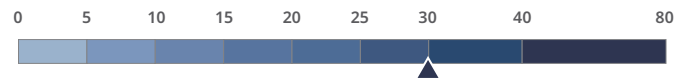
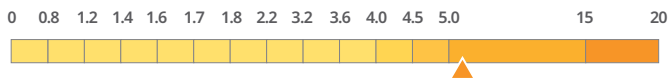
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	0.76	1
30	0.73	3
50	0.69	7

Thermal Conductivity : 6.3 W/mK

Hardness : 30 (Shore A)



Properties	H48-6G / TG-A486G	Unit	Tolerance	Test Method
Thermal Conductivity	6.3	W/mK	±10%	ASTM D5470
Thickness	0.3~5.0	mm	-	ASTM D374
	0.0118~0.1969	inch	-	ASTM D374
Color	Gray	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥13.3	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.09	g/cm³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation	60	%	-	ASTM D412
Tensile Strength	6	kgf/cm²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	30	Shore A	±10	ASTM D2240

※Different tolerances according to the selected thickness

※Pre-cut for different shapes

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Version18
20220218



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