

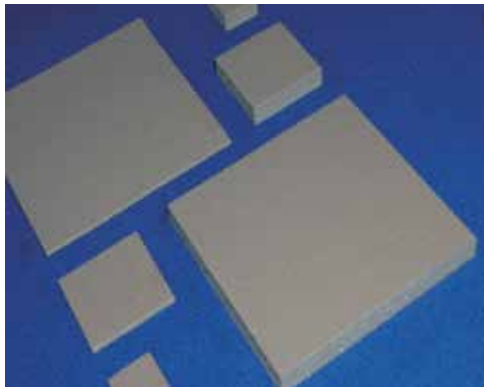
NEW!

Silicone-Free



Thermal Pad – CPVH Series

Prior to using KGS parts, please read our "Product Important Notice" at <http://kgs-ind.com/products/product-important-notice/>

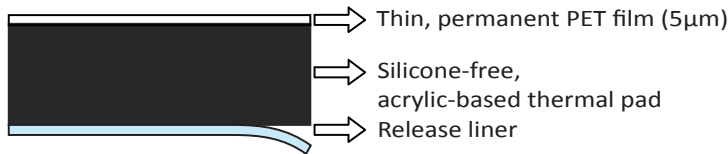


Soft, 3W/m•K silicone-free thermal pad for high operating temperature applications

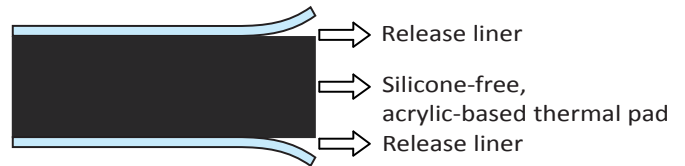
- Soft (ASKER C 15) silicone free thermal pad
- Compliant thermal pad helps to crowd out air bubbles to reduce thermal resistance
- No siloxane outgassing or oil bleed
- One side thin permanent PET film and one side naturally tacky is standard
- Both sides self-tacky available in 2mm thickness and above
- Custom profile available upon request
- Operating temperature: -40 ~ 125 °C

■ Cross-section view

CPVH-F series: one side PET, one side naturally tacky



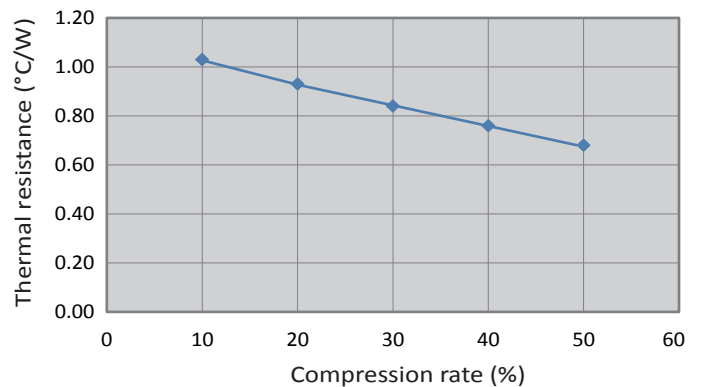
CPVH series: both sides naturally tacky



■ Properties

Property	Test Method	CPVH
Thickness (mm)	—	One side tacky
		Both side tacky
Standard sheet size (mm)	—	210 x 510
Thermal Conductivity (W/m•K)	JIS R 2616 Hot-wire method	3.0
	ISO 22007-2 Hot-disc method	2.1
	ASTM D5470	2.6
Hardness (ASKER C)	JIS K 7312	15
Volume Resistivity (Ω • cm)	JIS K 6911	1.0 X 10 ¹¹
Flame Resistance	UL94	V-0 Equivalent
Operating Temperature (°C)	—	-40 ~ 125
Color	—	Brown

Compression Rate vs. Thermal Resistance



<Measurement condition>
Test method: ASTM D 5470
Specimen size: 25mm (t=2mm)
Applied voltage: 20W

Please request for detailed product specification data prior to purchase



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Volume resistivity stated on our EMI absorber flyer is meant for noise control parameters, where the absorber is considered a conductor, but not for insulation performance. Care should be taken when using absorbers. KITAGAWA INDUSTRIES America, Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board or areas near high voltage such as for power. The products are designed for EMI noise reduction for electronics. This is not recommended for applications involving human life or extremely high accuracy. Prior to using the products in production, please verify their performance or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note when the absorber products are cut, bent, or pulled, there may be a possibility of creating cracks. For storage, keep products in a cool, dry, well-ventilated area at room temperature and avoid high temperatures, humidity, and direct sunlight.

Please contact the sales department at KITAGAWA INDUSTRIES America, Inc. for the use of our products prior to selecting the parts for your application.

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