



# Thermal Pad CPVP-30-F Series

**NEW**

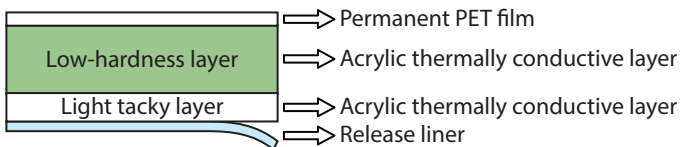
**Silicone-Free**



Silicone-free, low-hardness, high-thermally conductive pad (3W/m•K)

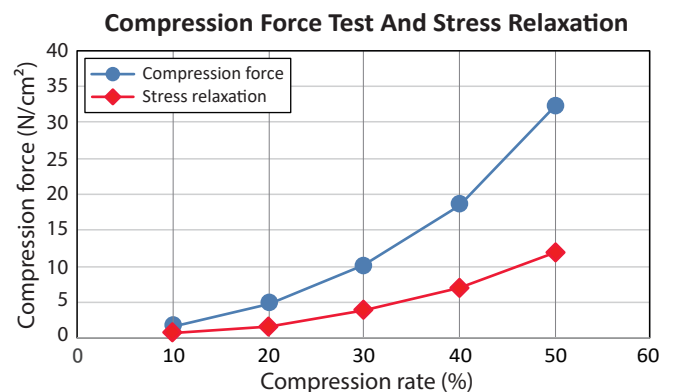
- The two-layer structured putty can be handled in the same way as a pad
- Has a thermal conductivity of 3.0W/m • K, which is 2.1 times higher than the existing product
- Silicone-free THERMAL PAD contains no siloxane
- With excellent flexibility and stress relaxation, the assembled pad can lower the load on heating elements and PCBs
- Recommended operating temperature: -40 ~125°C
- Bleeds less oil compared with the silicone type

## ■ Cross-section view



## ■ Properties

Part Number	<i>*Under development</i> CPVP-30-F
Thickness (mm)	1.0*, 1.5*, 2.0*, 3.0, 4.0
Thermal Conductivity (W/m•K) *ISO22007-2 Hot-disc method	3.0 (Low-hardness layer)
Hardness (ASKER C) *JIS K 7312	7 (Low-hardness layer)
Hardness (Shore OO) *ASTM D 2240	18 (Low-hardness layer)
Volume Resistivity (Ω • cm) *JIS K 6911	1.0 x 10 <sup>11</sup>
Flame Resistance *UL94	Equivalent to V-0
Color	Green / White
Operating Temperature (°C)	-40 ~ 125
*TEST METHOD	



**Test Conditions:**  
 Sample Dimensions: □10mm (t=4.0mm)  
 Cross-head speed: 1mm/min  
 Compression plate material:  
 Upper: Stainless steel φ28mm  
 Lower: Gold plated copper φ106mm  
 \*Compressive force is the largest load value immediately after compression



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Please request for detailed product specification data prior to purchase

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