



## PS-1696

### Product Description:

P-THERM® PS-1696 is a single coated, thermally conductive acrylic adhesive with a copper foil carrier. The adhesive is used for application to the heat source. The heat spreader allows for quick dissipation in the x-y direction.

### Construction / Properties:

	Property	Value	Test Method
General	Color	Copper	Visual
	Total Thickness	0.047 mm ± 0.005 mm	ASTM D374
	Carrier Type	Copper Foil	--
	Acrylic Adhesion	> 1500 g/25mm (SUS) >500 g/25mm (PI)	QSP-722
	Continuous Use Conditions	15 - 70 C	QSP-754
	Recommended Application Specifications	2 kg/square inch for 2 seconds	--

	Property	Value	Test Method
Physical	Composite X-Y Thermal Conductivity	140 W/m K	ASTM D5470
	Surface Resistivity	<0.5 Ω/sq	QSP-741
	Z-Axis Resistance	<0.5 Ω/in <sup>2</sup>	QSP-741
	Flammability Rating	V-0	UL 94

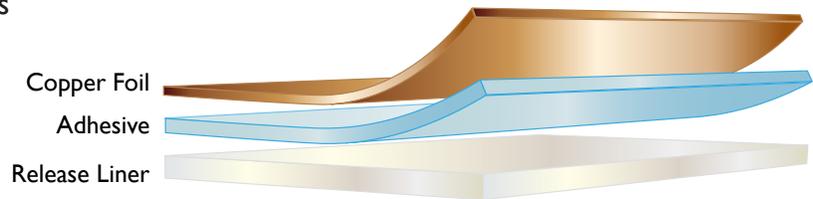
\* 20% thermal conductivity tested at 20% strain.

### Features:

- Good Tack
- Excellent Thermal Conductivity
- Good Adhesion to Low Surface Energy Substrates
- RoHS and HF Compliant

### Applications:

- Solar Panels
- Computers
- Smartphones
- Tablets
- Infotainment & Navigation Systems



Specific tests should be performed by the end user to determine the product stability for the particular application.

### For Additional Information:

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