



## PS-1996

### Product Description:

P-THERM® PS-1996 is a flexible synthetic graphite film tape. The graphite sheet has been coated with an acrylic pressure sensitive adhesive to aid in handling during assembly. The construction provides a low density option to eliminate hot spots on many types of consumer electronics including phones, notebook and tablets, flat panel TVs as well as automotive infotainment and guidance modules.

### Construction / Properties:

	Property	Value	Test Method
General	Color	Dark Gray	Visual
	Total Thickness	0.05 mm	ASTM D3652
	Carrier Type	Graphite	--
	Acrylic Adhesion	800 g/25mm	QSP-722
	Continuous Use Conditions	-20 - 80 C	QSP-754
Physical	Property	Value	Test Method
	Composite X-Y Thermal Conductivity	>1200 W/m K	ASTM D5470
	Flammability Rating	V-0	UL 94

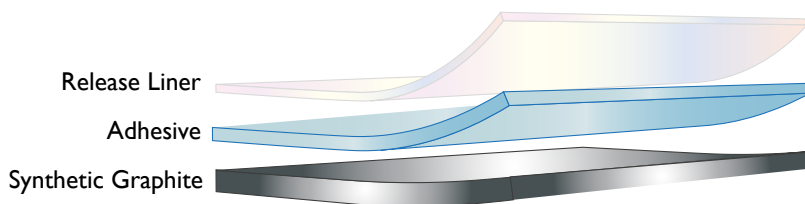
\* 20% thermal conductivity tested at 20% strain.

### Features:

- Excellent Thermal In-Plane Conductivity
- Low Density Option for Control of Hot Spots
- Excellent Flexibility
- Excellent Converting Properties
- 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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