



PS-3254

Product Description:

P-THERM® PS-3254 is a copper foil and graphite hybrid heat spreader multilaminate with a conductive acrylic adhesive on each side of the construction. There is a siliconized paper release liner on each side of the multilaminate.

Construction / Properties:

Property	Value	Test Method	
General	Color	Copper/Gray	Visual
	Thickness Range	150 micron ± 15 micron	ASTM D374
	Carrier Type	Copper Foil/Synthetic Graphite	--
	Adhesive Type	Acrylic	--
	Acrylic Adhesion	>600 g/25mm	QSP-722
	Recommended Application Specification	2 kg/square inch for 2 seconds	--
	Continuous Use Conditions	-10 - 80 C	QSP-754

Property	Value	Test Method	
Physical	X-Y Thermal Conductivity	>1000 W/m K (graphite) >280 W/m K (copper)	ASTM D5470
	Thermal Conductivity (Z-Axis)	200 W/m K	ASTM D5470
	Flammability Rating	V-0	UL 94

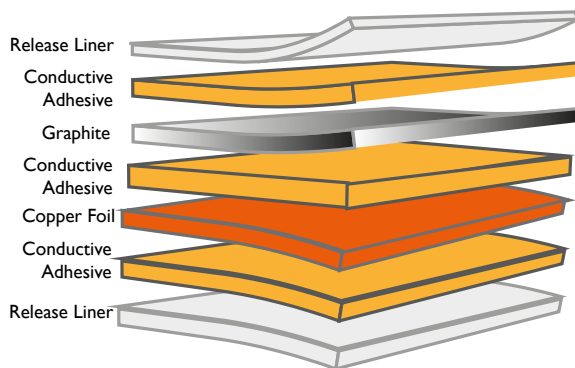
* 20% thermal conductivity tested at 20% strain.

Features:

- Superior Converting Properties
- Good Adhesive and Cohesive Strength
- Good Thermal Conductivity
- Excellent Converting Properties

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:

E-mail: sales@polymerscience.com
 Toll Free: +1 888.533.7004
 Web: www.polymerscience.com
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