



PS-1693

Product Description:

P-THERM® PS-1693 is a heat spreader using the construction of a foil and polyester with a thermally conductive adhesive for application to the heat source. The heat spreader allows for quick dissipation of heat in the x-y direction.

Construction / Properties:

Property	Value	Test Method
General		
Color	Silver	Visual
Total Thickness	0.15 mm	QSP-726
Carrier Type	Aluminum	--
Adhesive Peel Strength (to SUS)	1000 g/25mm	QSP-722
Continuous Use Conditions	-40 - 85 C	QSP-754
Recommended Application Specifications	2 kg/square inch for 2 seconds	--

Property	Value	Test Method
Physical		
Composite X-Y Thermal Conductivity	200 W/m K	ASTM D5470
Shielding Effectiveness (10 MHz - 1 GHz)	>60 dB	--
Flammability Rating	V-0	UL 94

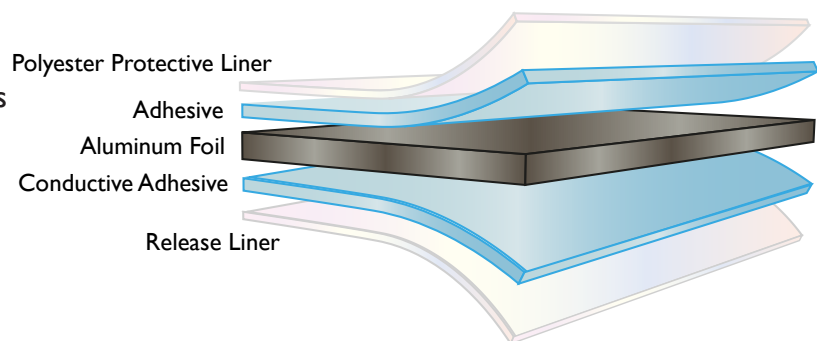
* 20% thermal conductivity tested at 20% strain.

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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