



# PS-1682

## Product Description:

P-THERM® PS-1682 is a heat spreader using the construction of a thin graphite sheet which has been supported on each side by a white polyester film and having an acrylic 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
Total Thickness	0.16 mm ± 0.02 mm	QSP-726
Conductive Substrate	Graphite	--
Color	White	Visual
Adhesive Peel Strength (to SUS)	>1200 g/25mm	QSP-722
X-Y Thermal Conductivity (Reflective Side)	>150 W/m K	QSP-749
Recommended Application Specification	2 kg/square inch for 2 seconds	--
Continuous Use Conditions	-10 – 80 C	WI-8.2-13

## Features

- Superior Converting Properties
- Good Adhesive and Cohesive Strength
- Good Thermal Conductivity
- RoHS and HF Compliant

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

For Additional Information:

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