

PS-1681

Product Description:

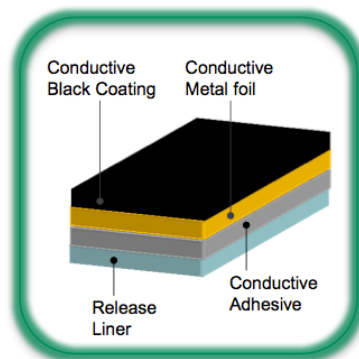
P-THERM® PS-1681 is a copper foil that has been coated with a conductive black nano-thermal diffusion coating. The copper has been laminated to a reinforcing conductive fabric which has been coated with an electrically conductive acrylic adhesive to offer electromagnetics shielding and thermal heat protection.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.08 mm ± 0.01 mm	QSP-726
Support Substrate	Copper Foil/Conductive Fabric	--
Color	Black	Visual
Adhesive Peel Strength (to SUS)	>1000 g/25mm	QSP-722
Surface Resistivity	<0.2 Ω/sq	QSP-741
Z-Axis Resistance	<0.2 Ω/in ²	QSP-741
Shielding Effectiveness (10MHz – 1GHz)	>90 dB	--
Composite X-Y Thermal Conductivity	>400 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 Conformity to Non-Flat Substrates
- 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:

E-Mail: sales@polymerscience.com

Toll Free: +1 888.533.7004

Web: www.polymerscience.com

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