

PS-1991

Product Description:

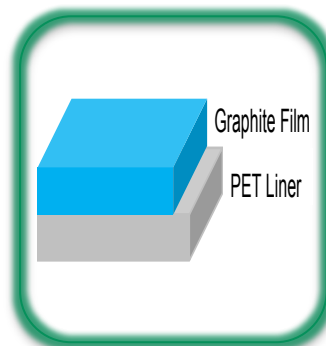
P-THERM® PS-1991 is a flexible synthetic graphite film that has been cast onto a removable polyester carrier layer. The graphite sheet is excellent for anisotropic control of heat to eliminate hot spots while providing electrical conductivity to aid in EMI shielding of electronic devices.

Construction / Properties:

Property	Value	Test Method
Color	Dark Gray	Visual
Carrier	Polyester	--
Thickness	0.040 mm ± 0.005 mm	ASTM D374
Density	1.9 g/cm ³	--
Thermal Conductivity (x-y plane)	>1200 W/m K	ASTM D5470
Specific Heat at 50 C	0.76 J/g C	--
Thermal Diffusivity at 25 C	850 mm ² /s	--
Continuous Use Conditions	-40 – 400 C	WI-8.2-13
Flammability Rating	V-0	UL 94

Features

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