



## PS-1749

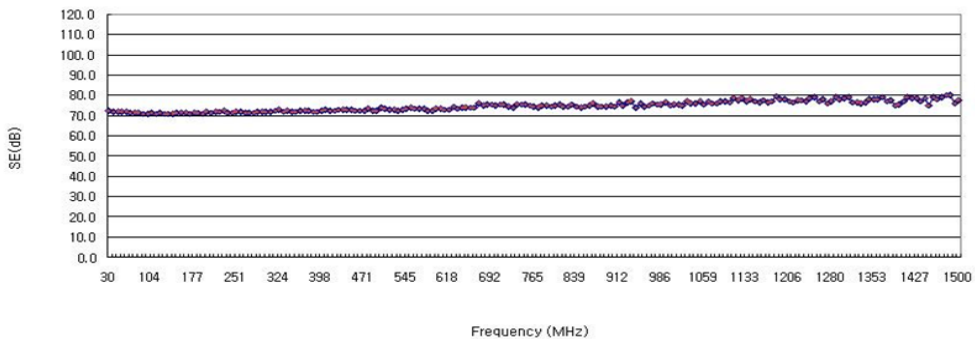
### Product Description:

P-SHIELD® PS-1749 is a nickel copper plated electrically conductive nonwoven fabric coated on each side with an electrically conductive acrylic pressure sensitive adhesive. To allow conductivity in the x, y and z-plane.

### Construction / Properties:

Property	Value	Test Method
Total Thickness	0.02 mm ± 0.01 mm	QSP-726
Surface Resistivity	<0.3 Ω/sq	QSP-741
Z-Axis Resistance	<0.1 Ω/in <sup>2</sup>	QSP-741
Color	Gray	Visual
Adhesive Peel Strength (to SUS)	>800 g/25mm	QSP-722
Shielding Effectiveness (10 MHz- 100 GHz)	70 – 100 dB	--
Recommended Application Specification	2 kg/square inch for 2 seconds	--
Continuous Use Conditions	-10 – 80 C	WI-8.2-13

### Shielding Effectiveness:



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](mailto:sales@polymerscience.com)

Toll Free: +1 888.533.7004

Web: [www.polymerscience.com](http://www.polymerscience.com)

Revision: 071117



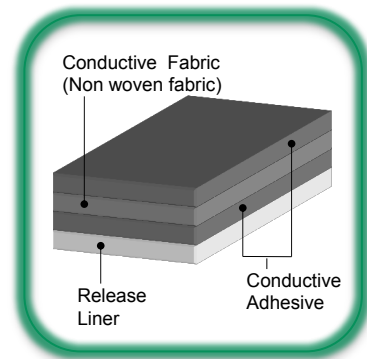
## PS-1749

### Product Description:

P-SHIELD® PS-1749 is a nickel copper plated electrically conductive nonwoven fabric coated on each side with an electrically conductive acrylic pressure sensitive adhesive. To allow conductivity in the x, y and z-plane.

### Features

- Superior Converting Properties
- Excellent Conformability
- Excellent Tack
- Excellent Adhesion to Low Surface Energy Substrates
- Excellent Shielding Effectiveness
- 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](mailto:sales@polymerscience.com)

Toll Free: +1 888.533.7004

Web: [www.polymerscience.com](http://www.polymerscience.com)

Revision: 071117