Technical Datasheet

POLYMER SCIENCE, INC.

P-SHIELD®

PS-1377

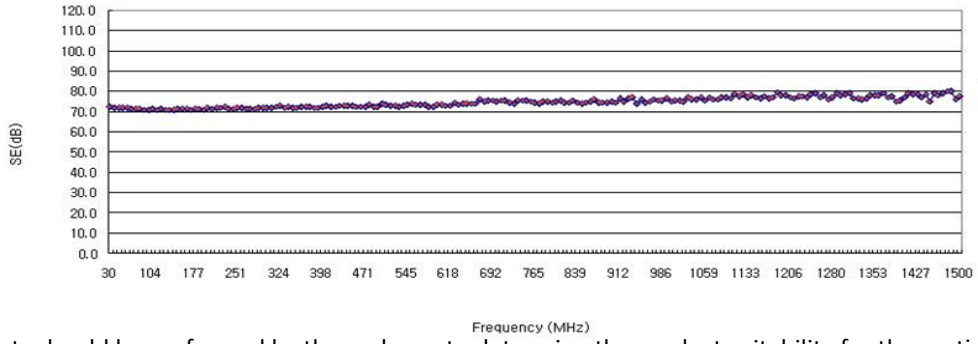
Product Description:

P-SHIELD® PS-1377 is a nickel copper plated electrically conductive 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	0.45 mm	QSP-726
Fabric Type	Nonwoven	- -
Surface Resistivity	<0.1 Ω/sq	QSP-741
Z-Axis Resistance	<0.1 Ω/in^2	QSP-741
Color	Gray	Visual
Adhesive Peel Strength (to SUS)	>800 g/25mm	QSP-722
Shielding Effectiveness (30 MHz- 1.5 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
Toll Free: +1 888.533.7004
Web: www.polymerscience.com

Revision: 051416

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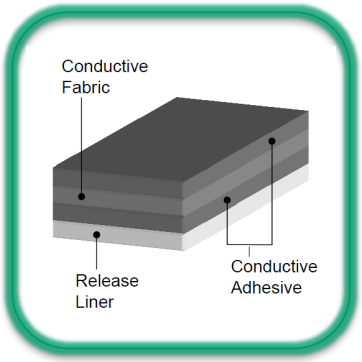
Features

- Superior Converting Properties
- Excellent Conformability
- Excellent Tack
- Excellent Adhesion to Low Surface Energy Substrates
- Excellent Shielding Effectiveness
- RoHS and HF Compliant



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