Technical Data Sheet

P-SHIELD®

PS-1321

Product Description:

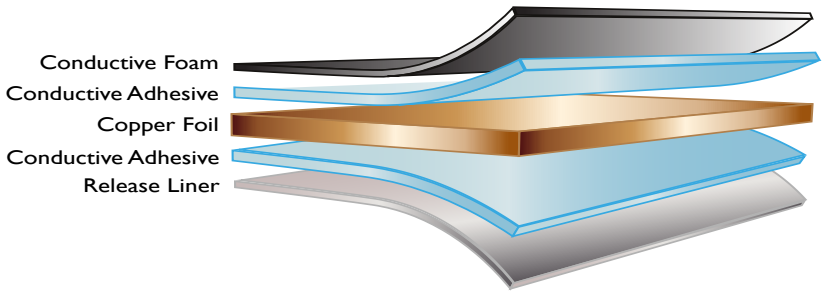
P-SHIELD® PS-1321 is a conductive acrylic adhesive multi-laminate with a nickel and copper plated conductive polyurethane foam and copper foil carriers. The copper foil layer provides excellent conductivity in all axes and boosts the shielding effectiveness of the material. PS-1321 is supplied with a siliconized polyester liner.

Construction / Properties:

Property	Value	Test Method
Color	Gray	Visual
Total Thickness (excluding liners)	0.3mm, 0.4mm, 0.5mm, 0.7mm, 0.8mm, 0.9mm, 1.0mm, 1.2mm, 1.6mm, 1.8mm, 2.0mm, 2.4mm, 3.2mm, 4.0mm	QSP-726
Total Thickness Tolerance	+/- 20%	--
Acrylic Adhesion	1000 g/25mm	QSP-722
Surface Resistivity	<0.1 Ω/sq (Adhesive Side) <0.5 Ω/sq (Foam Side)	QSP-741
Z-Axis Resistance	<0.5 Ω/in^2	QSP-741
Shielding Effectiveness (30 MHz - 1.5GHz)	90 - 100 dB	--
Recommended Application Specification	2 kg/square inch for 2 seconds	--
Continuous Use Conditions	-40 - 80 C	QSP-754

Features:

- Excellent Tack
- Excellent Conductive Properties
- Good Resistance to Heat and Humidity
- 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 stability for the particular application.

For Additional Information:
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