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Technical Data Sheet

P-SHIELD®

PS-1768

Product Description:

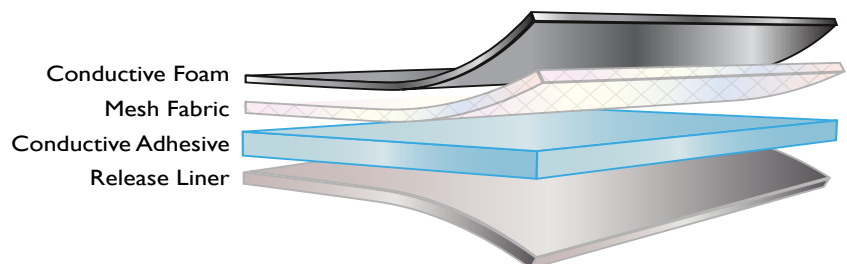
P-SHIELD® PS-1768 is a conductive acrylic adhesive multi-laminate with a nickel and copper plated, ultra-soft conductive polyurethane foam carrier containing a copper nickel mesh core to provide excellent conductivity in all axes, as well as structure and restitution. The softness reduces forces on the adjacent components during compression while providing a stable grounding path.

Construction / Properties:

Property	Value	Test Method
Total Thickness (excluding liners)	0.3mm, 0.5mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm	QSP-726
Total Thickness Tolerance	+/- 20%	--
Color	Gray	Visual
Acrylic Adhesion	800 g/25mm	QSP-722
Surface Resistivity	<0.5 Ω/sq <1.0 Ω/sq (6.5mm thickness only)	QSP-741
Z-Axis Resistance	<0.5 Ω/in ² <1.0 Ω/in ² (6.5mm thickness only)	QSP-741
Shielding Effectiveness (30 MHz - 1.5GHz)	70 - 80 dB	--
Recommended Application Specification	2 kg/square inch for 2 seconds	
Continuous Use Conditions	-10 - 80 C	QSP-754

Features:

- Excellent Tack
- Excellent Conductive Properties
- Good Resistance to Heat and Humidity
- Excellent Adhesion to Low Energy Substrates
- Good 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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