



PS-1768

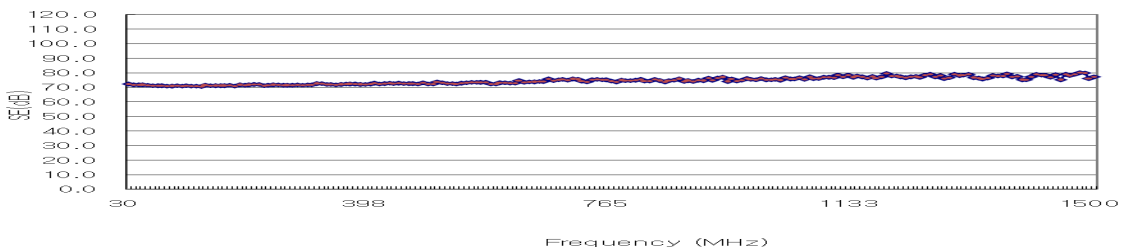
Product Description:

P-SHIELD® PS-1768 is a nickel and copper plated ultra soft version of our conductive polyurethane foam multi-laminate containing a copper nickel mesh core to provide excellent conductivity in all axes as well as structure and restitution. This softness reduces forces on the adjacent components during compression while providing a good grounding path.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.3mm, 0.5mm, 0.7mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm and 6.5mm	QSP-726
Total Thickness Tolerance	+/- 20%	--
Color	Gray	Visual
Adhesive Peel Strength (to SUS)	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- 1.5 GHz)	70 – 80 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: 112617

P-SHIELD®



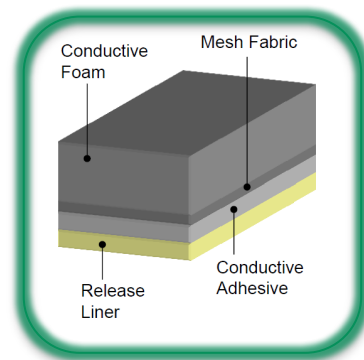
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Features

- 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



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