

# Technical Data Sheet

P-SHIELD®

# PS-3224

## **Product Description:**

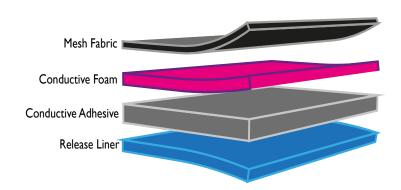
P-SHIELD® PS-3224 is a nickel and copper plated conductive polyurethane foam multilaminate containing a conductive acrylic adhesive for bonding to a variety of surfaces and a woven fabric face to provide abrasion resistance and a consistent surface for improved surface contact and enhanced grounding performance of the gasket.

## **Construction / Properties:**

Property	Value	Test Method
Total Thickness	0.2mm - 1.0mm	QSP-726
Color	Gray	Visual
Foam	Copper Nickel Plated Polyurethane	
Fabric	Copper Nickel Plated Polyester	
Surface Resistivity	<0.5 Ω/sq	QSP-741
Z-Axis Resistance	<0.5 Ω/in <sup>2</sup>	QSP-741
Adhesive Peel Strength (to SUS)	>200 g/25mm	QSP-722
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
- Excellent for Automated Dispensing Applications
- 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:

E-mail: sales@polymerscience.com

Toll Free: +I 888.533.7004

Web: www.polymerscience.com

Revision: 062524

