

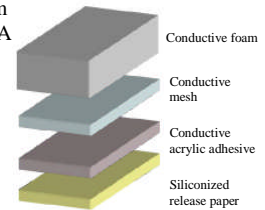
Technical Data Sheet

Product Description:

PS-1206 is a nickel and copper plated conductive polyurethane foam multi-laminate containing a copper nickel mesh core to provide excellent conductivity in all axes as well as structure and restitution.

Construction / Properties:

Property	Value
Total Thickness	0.3mm, 0.5mm, 0.7mm, 1.0mm, 1.2mm 1.5mm 2.0mm, 2.5mm, 3.0mm, 3.5mm and 4.0mm
Adhesive Thickness	0.05mm electrically conductive acrylic PSA
Liner	100 lb Paper release liner
Adhesive Peel Strength	800 g/in
Surface Resistivity	<0.5 Ω /sq
Z-Axis Resistance	<0.5 Ω /in ²
Continuous Use Conditions	15 – 185 F



General Information:

PS-1206 is a multi-laminate consisting of a durable conductive polyurethane foam and conductive adhesive. PS-1206 utilizes an electroless plating process to plate the open cell polyurethane foam with a nickel/copper/nickel coating to impart conductivity in the x, y and z-axis. The construction utilizes a conductive mesh in order to improve structure of the product for ease of handling after conversion. The product demonstrates good electrical properties making it ideal for shielding and grounding applications. The product is used extensively within the consumer electronics market. The product has good heat and humidity stability, but attempts should be made to avoid direct sunlight.

Features:

- Excellent Tack
- Excellent Conductive Properties
- Good Resistance to Heat and Humidity
- Excellent Adhesion to Low Surface Energy Substrates
- Excellent for Automated Dispensing Applications
- RoHS and HF Compliant

Specific tests should be performed by the end user to determine the product suitability for the particular application.