



PS-I774 with PET

Product Description:

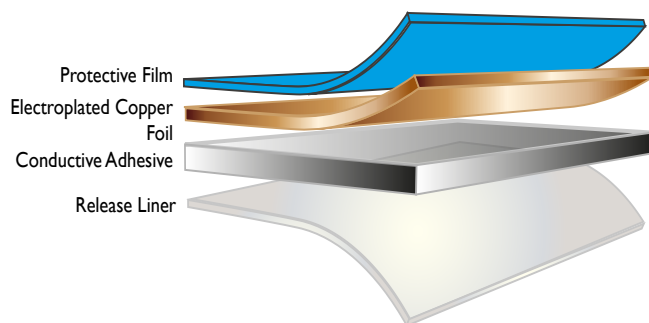
P-SHIELD® PS-I774 with PET is an electrodeposited copper foil which has been coated with an electrically conductive adhesive on one side. A removable polyester protective film has been laminated to the copper to reduce surface oxidation. This copper allows for electrical conductivity in the x, y and z-direction. PS-I774 with PET utilizes a copper foil manufactured from 100% recycled copper.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.015mm, 0.035mm, 0.05mm, 0.065mm, 0.075mm, 0.085mm, 0.1mm, 0.13mm and 0.15mm +/- 10%	QSP-726
Foil Type	Electrodeposited Copper	--
Color	Copper	--
Adhesive Peel Strength (to SUS)	>1000 g/25mm (≤ 0.12 mm) 400 g/25mm (≥ 0.13 mm)	QSP-722
Surface Resistance (Adhesive)	<0.2 Ω /sq	QSP-741
Z-Axis Resistance	<0.2 Ω /in ²	QSP-741
Shielding Effectiveness (30 MHz - 1.5 GHz)	80 - 100 dB	ASTM D4935
Recommended Application Specification	2 kg/square inch pressure for 2 seconds	--
Continuous Use Conditions	15 - 70 C	QSP-754

Features:

- Superior Converting Properties
- Excellent Conformability
- 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:

E-mail: sales@polymerscience.com
Toll Free: +1 888.533.7004
Web: www.polymerscience.com
Revision: 091526