

Introducing Metal Shielding Bags

Construction

Our static shielding bags are constructed in two layers, consisting of a static dissipative metallised polyester outer layer and a static dissipative polyethylene inner layer.

Our bags are manufactured from industry approved polyester and polyethylene laminates. The polyester dielectric works with the metal layer to provide a Faraday effect, the metal layer preventing penetration from damaging electrostatic fields. The specially processed polyethylene keeps tribocharging to a minimum.

Additional Notes

We recommend that all of our static shielding products be used within 2 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21°C- 23°C and relative humidity is 45 – 50%.

Machine Compatibility

AB 180 + PI 412c, PS 125

Bag sizes

W: 70mm – 180mm

L: 100mm – 300mm

Note: Bags outside these parameters may be available, subject to testing.



Standard Features

- Provides 'Faraday Cage' protection against Electro Static Discharge (ESD)
- Tested to BS EN 61340-2-3
- Semi transparent finish
- Printing available on request
- Suitable for packing electronic products which are sensitive to static, e.g. PCBs, IC integrated circuits, CD drives, HDs etc

Typical Applications

- Electronic components
- PCBs
- Computer components
- Transistors
- Integrated circuits
- Electro-sensitive devices

Specification

ESD Control Item	Test Method	Required Range	Interior Surface	Exterior Surface
Static Dissipative	IEC 61340-2-3	$1 \times 10^5 \leq R_s < 1 \times 10^{11} \Omega$	6.7×10^{10}	2.2×10^{11}

ESD Control Item	Test Method	Required Range	Film	Bag
Discharge Shielding	ANSI/ESD STM 11.31	<20nJ	<20nJ	<100nJ

The above chart reflects nominal test data values on flat film. Actual results may fluctuate due to inherent process variation. Technical specifications may be subject to change.



EFM
90
100
110
120
130
140
150

01234567 100