

**Antistatic ESD Metalized Bag
(ZIPLOCKED & OPEN TOP)**

Antistatic metallized bags are specially designed to protect ESD-sensitive products from static electricity during storage and packaging. These conductive bags are simple and effective solutions for electronic circuit boards and sensitive electronic devices.

Open-ended, unsealed metallized bags can be closed using heat sealing. The product features a three-layer structure: the inner layer is made of dissipative polyethylene with a resistance of $<10^{11} \Omega$, the middle layer is a metalized "Faraday Cage" with a resistance of $<10^3 \Omega$, and the outer layer is made of dissipative polyester with a resistance of $<10^{11} \Omega$.

The semi-transparent bags provide excellent protection for ESD-sensitive items. Available in various sizes, these metallized bags are packaged in packs of 100 units each.

Technical Specifications:

Brand: NONSTAT

Thickness: 78 microns

Material: Inner Layer: Polyethylene/ Middle Layer: Metal/ Outer Layer: Polyester

Resistance Values: Inner and Outer Layers: $<10^{11} \Omega$ / Middle Layer: $<10^3 \Omega$

Design: Semi-transparent

Quantity: 100 units per pack

Marking and Printing (Pictogram):

Technical Properties:	Test Standard:	Typical Value:	Result:
Film Composition	N/A	PET-AL/PP	PET-AL/PP
Film Thickness	Micron Meter	3.1mils +/-8%	2.9mils-3.1mils
Puncture Strength	ASTM D1004		100psi
Seam Strength	ASTM D882		8lbs/in
Tensile Strength	ASTM D882	30lbs/inch width	35lbs/inch width
Light Transmission	ASTM D1003	40%+/-5%	41%
Electrostatic Shielding	MJL-B-81705C	>30d8	35dB
Interior Surface Resistivity	ASTM D257	10e8-10e10 Ω	10 e10 Ω
Exterior Surface Resistivity	ASTM D257	10e8-10e10 Ω	10 e9 Ω
Metalized Layer Resistivity	ASTM D257	<15Ω	8Ω
Static Decay	EIA-541	<0.3secs	0.2secs
Remains Voltage	EIA-541	<30V	24V
MVTR (g/100 sq.in/24hrs	ASTM E 96		0.2

Compatible with IEC 61340-5-1:2016