

ESD Moisture Barrier Bag

ESD Moisture Barrier Bag is designed for dry packaging of static sensitive electronic devices, precision component, chemical raw material, medical intermediate and so on. The bag has four-layer structure and good water and oxygen prevention property and light shielding capability. The bag type and size can be customized.

Standards

Meets electrical and physical requirements of MIL-B-81705C, EIA-541, ASTM D-257, ASTM F1249-2005 and ASTM D3985-2005

Specifications

Physical Properties:	Typical Values	Standards
MVTR(g/(100in ² 24h)	<0.002	ASTM F1249-2005
Puncture (Sealable side up)	34.4lbs	FTMS101C 2065.1
Strength (Sealable side down)	26.0lbs	
Tensile MD	72.6Mpa	GB/T 13022-1991
Strength TD	64.4Mpa	
Heat Seal Strength	78.7N/15mm	GB/T 2358-1998

Heat Sealing Conditions:

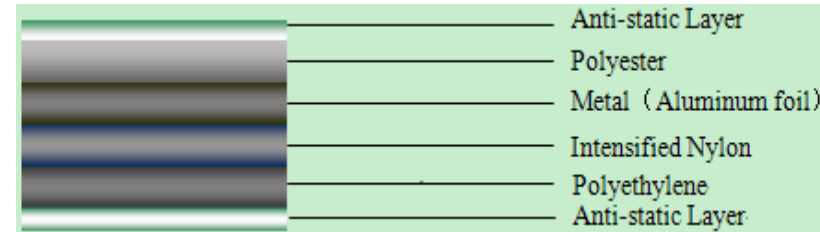
Temperature	165°C ±10°C
Time	1s-4s
Pressure	70Pa

Electrical Properties:	Value	Standards
Surface Resistivity/Resistance	<10 ¹² ohms/sq.	ASTM D-257
Interior Resistivity/Resistance	<10 ¹² ohms/sq.	
Metal	12ohm/sq.	
Remnant Voltage	21V	EIA-541
Decay Time	<0.03s	



Material Structure

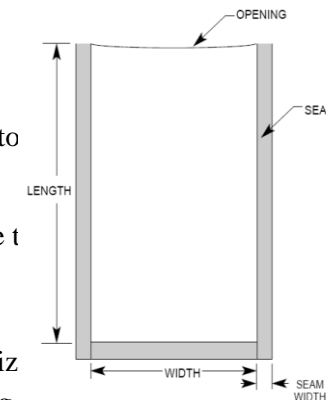
This material of static dissipative polyester, aluminum foil, Nylon and dissipative polyethylene provide a very low MVTR. This foil barrier material meets or exceeds the MVTR and static shielding requirements of IPC/JEDEC J-STD-033, MIL-PRF-81705 Type I for static safe and moisture barrier packaging.



Size

W"*L" 10"*12"

1. Width is measured from inside seam to inside seam
2. Length is measured from the top edge to inside seam.
3. Opening is in the "width" side.
4. Bag sizes and printing can be customized.
5. Most sizes are packed 100pcs/polybag.



PRODUCT DATA SHEET

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