



Features:

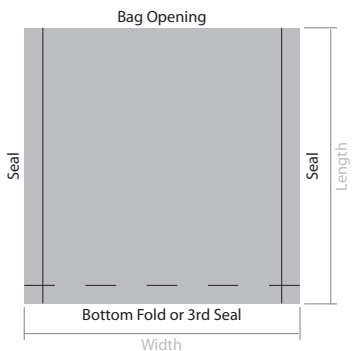
- Protects electronics from moisture and static damage
- Opaque and light tight ensuring the inside item can not be seen from outside
- Firm lamination and hot sealing offers superior resistance of vapour and oxygen
- Surface resistance of 10^8 - $10^{11}\Omega$
- Applicable to pack electronic products which are sensitive to moisture and static.
- Flexible structure & easy to vacuum seal

Additional Notes:

We recommend that all of our moisture barrier bags 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%.



Aluminized Polyester
Dissipative Nylon
Cast Polyethylene



Standard Construction:

Our moisture barrier bags are constructed in 3 layers. The bag features an anti static metallized polyester outer layer and an anti static inner layer. In between are layers of polyethylene, nylon and an aluminium foil shield.

Configuration(s):

Bags are offered in a 3-seal configuration, with our standard flexographically printed artwork.

MOISTURE BARRIER BAG
ANT018MBB
THIS BAG IS ROHS COMPLIANT

ATTENTION
THIS BAG CONTAINS
MOISTURE & ELECTROSTATIC
SENSITIVE DEVICES

CONFORMS TO
IPC/JEDEC J-STD-033

Standard Bag Artwork:

Our moisture barrier bags are produced with the following sample artwork as standard. For further information on bespoke/printed orders, please contact one of our sales team. Please note there is a MOQ of 20,000 bags on all printed bags. Note: All of our moisture barrier bags are batch coded for QC traceability.

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Moisture Barrier Bag



Test Conditions:

The following results were taken under the following environmental test conditions:

Temperature: 21.3°C / Humidity: 45.1%

Technical Parameters:

Item:	Test Standard:	Result:
Film Composition	N/A	PET-AL/NY/CPE
Metal Layer Resistance	ASTMD-257	<0.1 Ω
Inner and Outer Resistance	ASTMD-257	10 ⁸ - 10 ¹¹ Ω
EMI Shielding	MIL-B-81705-C	>60db
Static Shielding - Capacitance Probe	EIA541 (Voltage Difference)	<10V
Moisture Vapour Transmission (at 90%RH, 23°C)	ASTMF1249-2005	0.0006 gm/100sq.in/24hrs
Tensile Strength	ASTM D882	MD/TD >24lbs/in
Puncture Resistance	ASTM F1306-90(2002)	Inner to Outer: 54.7N Outer to Inner: 51.3N
Tear Strength	ASTM D1004	MD >3lbs/in TD >3.8lbs/in
Heat Seal Temperature	-	250-375 F
Heat Seal Time	-	0.5-3.5 sec
Heat Seal Pressure	-	30-70 PSI
Seal Strength	GB/96-04-10	>3kg/cm
Contact Corrosivity	FTMS 101C Method 3005	No visible spots detected

Test Conclusion: (Date of Issue: 2009-08-16)

The anti-static moisture barrier bag is tested accordant with the relevant test standard and requirements.

Test Item:	Test Method:	Measured Equipment(s):	MDL:
Lead (Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Cadmium (Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Mercury (Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg

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Description:	Size (inches)	Size (mm)	Additional Notes:
Moisture Barrier Bag	4 x 6	101.6 x 152	(Ref: 018-0130)100 pack
Moisture Barrier Bag	6 x 12	152 x 304.8	(Ref: 018-0131)100 pack
Moisture Barrier Bag	10 x 12	254 x 304.8	(Ref: 018-0132)100 pack
Moisture Barrier Bag	8 x 20	203.2 x 508	(Ref: 018-0133)100 pack
Moisture Barrier Bag	6 x 26	152.4 x 660.4	(Ref: 018-0134)100 pack

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