



**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, such as PC board, IC integrated circuit, CD drivers, HD etc.
- Flexible structure & easy to vacuum seal



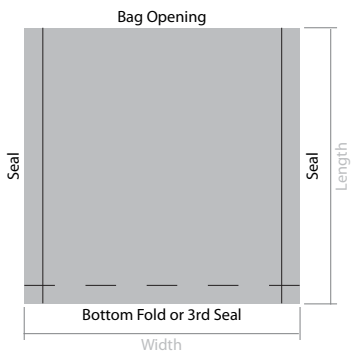
**Additional Notes:**

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\_ANT018MBB



## 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 <sup>8</sup> - 10 <sup>11</sup> 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

Product Code:	Description:	Size (inches):	Size (mm):	Additional Notes:
1503139	Moisture Barrier Bag 3.6Mil	10 x 26	254 x 660.4	Pack of 100 (Ref: 018-0301)

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