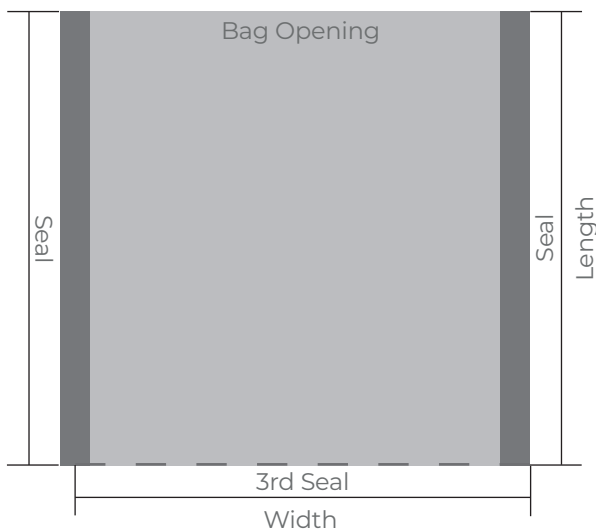
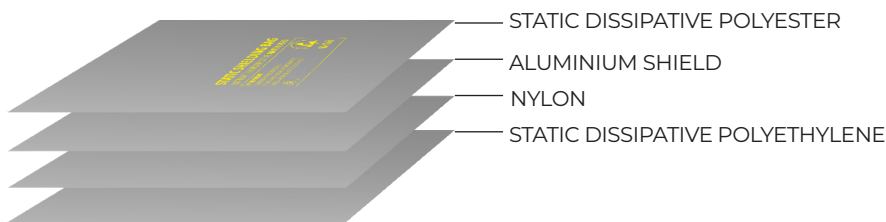


Moisture Barrier Bag

ANT018MBB

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} Ohms
- Customized printing is available
- These bags are ideal for transporting and storing sensitive devices such as circuit boards and electronic components.
- Available in 3.6 / 4.4 and 6Mil thicknesses
- Flexible structure & easy to vacuum seal



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):

Our bags are available in custom sizes or in several industry standard sizes. Bags are offered in a 3-seal configuration, with our standard flexographically printed artwork. Our bags can also be personalised with your company logo on any bespoke orders.

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Moisture Barrier Bag

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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.

	CAUTION This bag contains MOISTURE SENSITIVE DEVICES	LEVEL  <small>If blank, see adjacent bar code label</small>
<p>1. Calculated shelf life in sealed bag: 12 months at <40°C and <90% relative humidity (RH)</p> <p>2. Peak package body temperature: _____ °C <small>If blank, see adjacent bar code label</small></p> <p>3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be</p> <p>a) Mounted within: _____ hours of factory conditions <small><30°C / 60% RH, or If blank, see adjacent label.</small></p> <p>b) Stored per J-STD-033</p> <p>4. Devices require bake, before mounting, if:</p> <p>a) Humidity Indicator Card reads >10% for level 2a - 5a devices or > 60% for level 2 devices when read at 23 ± 5°C</p> <p>b) 3a or 3b not met</p> <p>5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure</p> <p>Bag Seal Date: _____ <small>If blank, see adjacent bar code label</small></p> <p><small>Note: Level and body temperature defined by IPC/JEDEC J-STD-020</small></p>		

MOISTURE BARRIER BAG
ANT018MBB
 THIS BAG IS RoHS COMPLIANT
 CONFORMS TO IPC/JEDEC J-STD-033

ATTENTION
 THIS BAG CONTAINS
 MOISTURE & ELECTROSTATIC
 SENSITIVE DEVICES

LEVEL	FLOOR LIFE (OUT OF THE BAG) AT FACTORY AMBIENT 30°C / 60% RH OR AS STATED
1	Unlimited at 30°C / 85% RH
2	1 Year
2a	4 Weeks
3	168 Hours
4	72 Hours
5	48 Hours
5a	24 Hours
6	Mandatory bake before use. After bake must be reflowed within the time limit specified on the label.

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Moisture Barrier Bag

ANT018MBB
Test Conditions:

The following results were taken under the following environmental test conditions:
 Temperature: 23oC / Humidity: 12%

Technical Parameters:

Item:	Test Standard:	Result:
Film Composition	N/A	PET/AL/NY/PE
Metal Layer Resistance	STM.11.11	<0.1 n
Inner and Outer Resistance	STM.11.11	10 ⁸ - 10 ¹¹ Ohms
Static Shielding - Capacitance Probe	EIA541 (Voltage D	<10V
Moisture Vapour Transmission Rate (100F, 100in 2/24 hrs)	ASTM F 1249	<=0.0003 gram/100in2 / 24 hours
Tensile Strength	ASTM D882	7
Puncture Resistance	ASTM F1306-90(2002)	24lbs
Heat Seal Temperature	-	300-410°F
Heat Seal Time	-	0.5-3.5 sec
Heat Seal Pressure	-	30-70 PSI
Seal Strength	GB/96-04-10	12lbs
Contact Corrosivity	FTMS 101C Method 3005	No visible spots detected
Static Decay Time	IEC61340-5-1 (±1000 - ±100V)	≤2S

Test Conditions: (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

EMI Shielding: Meets required range of EN 61340-5-1 tested per IEC 61340-2-3 and ANSI/ESD STM11.31

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Moisture Barrier Bag

ANT018MBB

Product Code:	Description:	Size (inches):	Size (mm):	Additional Notes:
018-0001	Moisture Barrier Bag 3.6Mil / 92 microns	6 x 28	152.4 x 711.2	Pack of 100
018-0400	Moisture Barrier Bag 3.6Mil / 92 microns	10 x 20	254 x 508	Pack of 100
018-0401	Moisture Barrier Bag 3.6Mil / 92 microns	10 x 24	254 x 610	Pack of 100
018-0301	Moisture Barrier Bag 3.6Mil / 92 microns	10 x 26	254 x 660.4	Pack of 100
018-0402	Moisture Barrier Bag 3.6Mil / 92 microns	12 x 20	304.8 x 508	Pack of 100
018-0007	Moisture Barrier Bag 3.6Mil / 92 microns	16 x 18	406 x 457	Pack of 100
018-0403	Moisture Barrier Bag 3.6Mil / 92 microns	18 x 18	457 x 457	Pack of 100
018-0300	Moisture Barrier Bag 3.6Mil / 92 microns	22 x 24	558.8 x 609.6	Pack of 100
018-0130	Moisture Barrier Bag 3.6Mil / 92 microns	4 x 6	101.6 x 152.4	Pack of 100
018-0131	Moisture Barrier Bag 3.6Mil / 92 microns	6 x 12	152.4 x 304.8	Pack of 100
018-0134	Moisture Barrier Bag 3.6Mil / 92 microns	6 x 26	152.4 x 660.4	Pack of 100
018-0136	Moisture Barrier Bag 3.6Mil / 92 microns	8 x 10	203.2 x 254	Pack of 100
018-0410	Moisture Barrier Bag 3.6Mil / 92 microns	8 x 20	203.2 x 508	Pack of 100
018-0137	Moisture Barrier Bag 3.6Mil / 92 microns	12 x 16	304.8 x 406	Pack of 100
018-0304	Moisture Barrier Bag 3.6Mil / 92 microns	23 x 32	584.2 x 812.8	Pack of 100
018-0038	Moisture Barrier Bag 3.6Mil / 92 microns	26 x 19	680 x 400	Pack of 50
018-0015	Moisture Barrier Bag 3.6Mil / 92 microns	29 x 23	750 x 600	Pack of 50

Note: Other sizes and thicknesses available upon request.



Buy online at
www.antistat.com



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info@antistat.com



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