



ANTISTAT

Moisture Barrier Bag

ANTO18MBB

Description

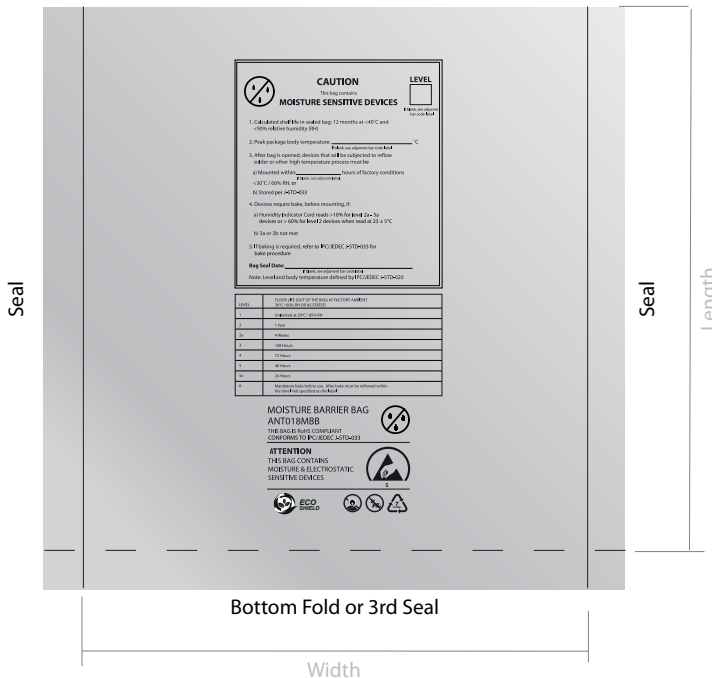
To protect electronics from moisture and static damage. The bags are opaque and light tight ensuring the inside item can not be seen from outside. Suitable to pack electronic products which are sensitive to moisture and static, such as PCBs, Integrated circuits etc.

Features

- Protects electronics from moisture and static damage
- Opaque and light tight ensuring the inside item cannot be seen from outside
- Firm lamination and hot sealing offers superior resistance to vapor and oxygen
- Surface resistance of 10^8 - $10^{10} \Omega$
- 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 and easy to vacuum seal



Bag Opening



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.

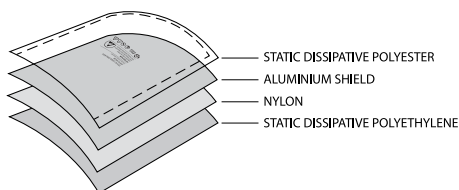
Configuration(s)

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.

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.

Note: All of our moisture barrier bags are batch coded for QC traceability.



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Technical parameters

Item	Test Standard	Result
Film Composition	N/A	PET/AL/NY/PE
Inner and Outer Resistance	ANSI/ESD-STM.11.11 @12% & 50% R.H.	$10^8 - 10^{10} \Omega$
Static Shielding - Energy Penetration	ANSI ESD-STM-11.31 @12% & 50% R.H.	<20 nj
Static Shielding - Capacitance Probe	ANSI / EIA-541 Appendix E	<10V
Moisture Vapour Transmission Rate (100F, 100in 2/24 hrs)	ASTM F 1249	$\leq 0.0003 \text{ gram}/100\text{in}^2 / 24 \text{ hours}$
Tensile Strength	ASTM D882-91, Method A	MD/TD > 24lbs/in
Puncture Resistance	ASTM F1306-90(2002)	24lbs
Tear Strength	ASTM D1004	MD >3lbs/in TD >3.8lbs/in
Heat Seal Temperature	-	300-410 °F
Heat Seal Time	-	0.5-3.5 sec
Heat Seal Pressure	-	30-70 PSI
Seal Strength	ASTMF 1249-2005	>10 PSI
Contact Corrosivity	FTMS 101C Method 3005	No visible spots detected
Static Decay Time	IEC61340-5-1 ($\pm 1000 - \pm 100V$)	$\leq 2S$

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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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
018-0404	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
018-0133	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.

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