

PRODUCT

ESD Moisture Barrier Bag 4.4 Mil



Moisture barrier bags are designed for packing of electronic products which are sensitive to moisture and static.

FEATURES

- 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
- Flat open top style, printable surface
- Offers superior resistance to vapour and oxygen ingress
- Strong tensile strength

CONSTRUCTION

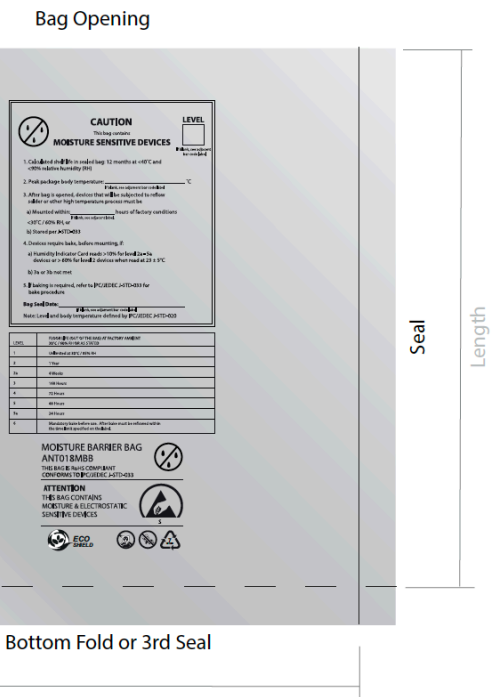
Our 4.4Mil moisture barrier bags are constructed in 4 layers. The bag features an antistatic metallized polyester outer layer and an antistatic polyethylene inner layer. In between are layers of nylon and aluminium foil shield.

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.

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.



To request a quotation or for more information, please call **+1 512-580-4220** email sales@antistat.com or visit www.antistat.com

IMPORTANT: This data sheet and its contents (the "Information") belong to Antistat or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Antistat assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Antistat was aware of the possibility of such loss or damage arising) is excluded. © 2022 Antistat.

TECHNICAL PROPERTIES	TEST METHOD	TYPICAL VALUE
Film composition	N/A	PET/AL/NY/CPE
Standard thickness	Micron Meter	4.4mil (112microns) +/-10%
Puncture resistance	FTMS 101C MTH 2065.1	>25lbs
MVTR	ASTM F1249	0.0003gm/100 in2/24hrs
Tensile strength	ASTM D-882-91	7,000 PSI MD and TD
Interior surface resistance	ANSI/ESD STM11.1 - 2022	10 ⁸ -10 ¹⁰ Ω
Exterior surface resistance	ANSI/ESD STM11.1 - 2022	10 ⁸ -10 ¹⁰ Ω
Surface resistivity - Interior	ASTM D257-14	> 1x10 ⁵ Ω/sq ≤ 1x10 ¹² Ω/sq
Surface resistivity - Exterior	ASTM D257-14	≤ 1x10 ¹² Ω/sq
Electrostatic shielding	ANSI/ESD S 11.31 - 2018	<10nJ
Static shielding - Capacitive probe	EIA 541	<10v

PRODUCT CODE	DESCRIPTION	SIZE (inch)	QUANTITY (per pack)
018-0420	Moisture barrier bags 4.4Mil	6 x 8	100
018-0421	Moisture barrier bags 4.4Mil	6 x 30	100
018-0422	Moisture barrier bags 4.4Mil	10 x 12	100
018-0423	Moisture barrier bags 4.4Mil	10 x 20	100
018-0424	Moisture barrier bags 4.4Mil	15 x 18	100
018-0425	Moisture barrier bags 4.4Mil	20 x 20	100
018-0426	Moisture barrier bags 4.4Mil	18 x 24	100

NOTES

- Other sizes available on request
- All of our moisture barrier bags are batch coded for QC traceability.
- All Antistat moisture barrier bags comply to the requirements as laid out in IPC/JEDEC J-STD-033 and are RoHS 3 and REACH compliant.

To request a quotation or for more information, please call **+1 512-580-4220**
 email sales@antistat.com or visit www.antistat.com

IMPORTANT: This data sheet and its contents (the "Information") belong to Antistat or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Antistat assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Antistat was aware of the possibility of such loss or damage arising) is excluded. © 2022 Antistat.