



PRODUCT

ESD moisture barrier bag 4.4Mil

ANT018MBB

To protect electronics from moisture and static damage. The bags are opaque and light tight to offer additional protection. Suitable to pack electronic products which are sensitive to moisture and static, such as PCBs, integrated circuits etc.



FEATURES

- Shielding & moisture protection
- 4.4Mil thick
- Can be vacuum sealed for dry packaging applications
- Opaque
- Custom sizes available on request

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 shown sample artwork as standard. For further information on bespoke/printed orders, please contact one of our sales team.

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

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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	0.0006gm/100 in2/24hrs
Tensile strength	ASTM D-882-91	7,000 PSI MD and TD
Interior surface resistance	IEC-61340-2-3	10 ⁸ -10 ¹⁰ Ω
Exterior surface resistance	IEC-61340-2-3	10 ⁸ -10 ¹⁰ Ω
Electrostatic shielding	ANSI/ESD S 11.31	<10nJ
Static shielding - Capacitive probe	EIA 541	<10v
Electrostatic decay	EIA-541	<0.3secs
Remains voltage	EIA-541	<10V
Physiological clearance certificate of used raw materials	EU, FDA	Yes

PRODUCT CODE	DESCRIPTION	SIZE (inch)	SIZE (mm)	QUANTITY (per pack)
018-0412	Moisture barrier bags 4.4Mil	6 x 28	152.4 x 711.2	100
018-0413	Moisture barrier bags 4.4Mil	10 x 20	254 x 508	100
018-0414	Moisture barrier bags 4.4Mil	10 x 12	254 x 304.8	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.

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