



ESD Moisture Barrier Bag 4.4 mil

TECHNICAL DATASHEET

DESCRIPTION

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

CONSTRUCTION

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

BAG ARTWORK

Our moisture barrier bags are produced printed or unprinted as standard. For further information on bespoke orders, please contact one of our sales team. Note: all of our moisture barrier bags are batch coded for QC traceability.

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
- Flat open top style, printable surface
- Offers superior resistance to vapour and oxygen ingress
- Strong tensile strength
- Available printed & unprinted
- Sold in packs of 100

TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	RESULT
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 ⁷ <10 ¹¹ ohms
Exterior surface resistance	ANSI/ESD STM11.1 - 2022	>10 ⁷ <10 ¹¹ ohms
Electrostatic shielding	ANSI/ESD S 11.31	<10nJ
Static shielding - Capacitive probe	EIA 541	<10v

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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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.

NOTES

- Other sizes available on request
- All of our moisture barrier bags are batch coded for QC traceability.
- Shelf Life: 3 years when stored in correct conditions $\leq 40^{\circ}\text{C}$
- 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.

NO PRINT

SKU	SIZE (in)
018-0420	6 x 8
018-0421	6 x 30
018-0422	10 x 12
018-0424	15 x 18
018-0426	18 x 24
018-0425	20 x 20

PRINTED

SKU	SIZE (in)
018-0412	6 x 28
018-0414	10 x 12
018-0413	10 x 20
018-041618	16 x 18



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