

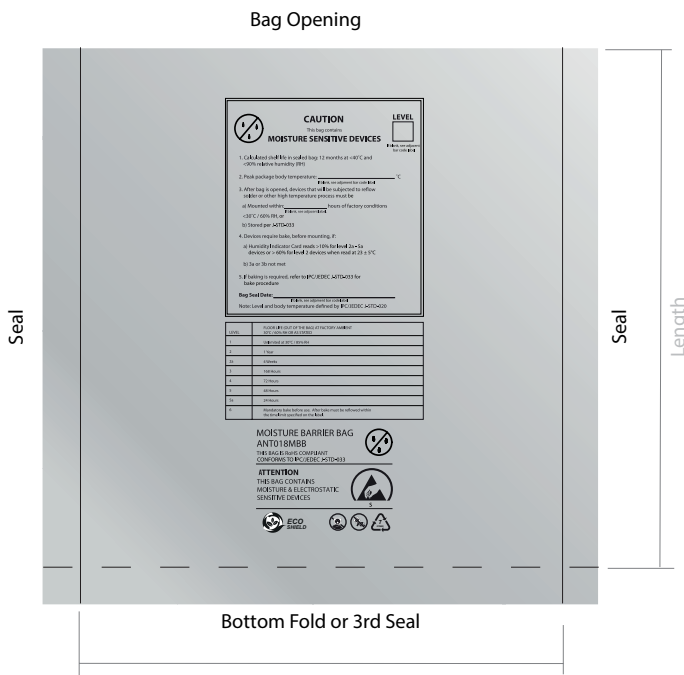
# ESD Moisture Barrier Bag 4.4Mil

**ANT018MBB**

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 that are sensitive to moisture and static, such as PCBs, Integrated circuits etc...

### Features:

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



### Construction

Our 4.4 mil moisture barrier bags are constructed in 5 layers. The bag features an anti-static metalized polyester outer layer and an anti-static inner layer. In between are layers of polyethylene, nylon, and an aluminum foil shield.

### Configuration(s)

Our bags are available in custom sizes or several industry-standard sizes. Bags are offered in a 3-seal configuration, with our standard flexographically printed artwork. Our bags can also be personalized 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.

### Configuration

|                            |
|----------------------------|
| Static Dissipative Layer   |
| Polyester                  |
| Aluminium Foil             |
| Nylon                      |
| Polyethylene               |
| Static Dissipative Coating |

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| Technical Properties:                                     | Test Standard:       | 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        | 108-1010Ω                  |
| Exterior Surface Resistance                               | IEC-61340-2-3        | 108-1010Ω                  |
| 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 | Bgvv, EU, FDA        | Yes                        |

| Product Code: | Description:                 | Size (Inches): | Size (mm):    | Additional Notes: |
|---------------|------------------------------|----------------|---------------|-------------------|
| 018-0412      | Moisture Barrier Bags 4.4Mil | 6 x 28         | 152.4 x 711.2 | Pack of 100       |
| 018-0413      | Moisture Barrier Bags 4.4Mil | 10 x 20        | 254 x 508     | Pack of 100       |
| 018-0414      | Moisture Barrier Bags 4.4Mil | 10 x 12        | 254 x 304.8   | Pack of 100       |

Other sizes available on request.

All Antistat moisture barrier bags comply to the requirements as laid out in IPC/JEDEC J-STD-033 and are RoHS and REACH compliant.



Buy online at  
[www.antistat.com](http://www.antistat.com)



Call us on  
 +1 512-580-4220



Email us at  
[sales@antistat.com](mailto:sales@antistat.com)



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