

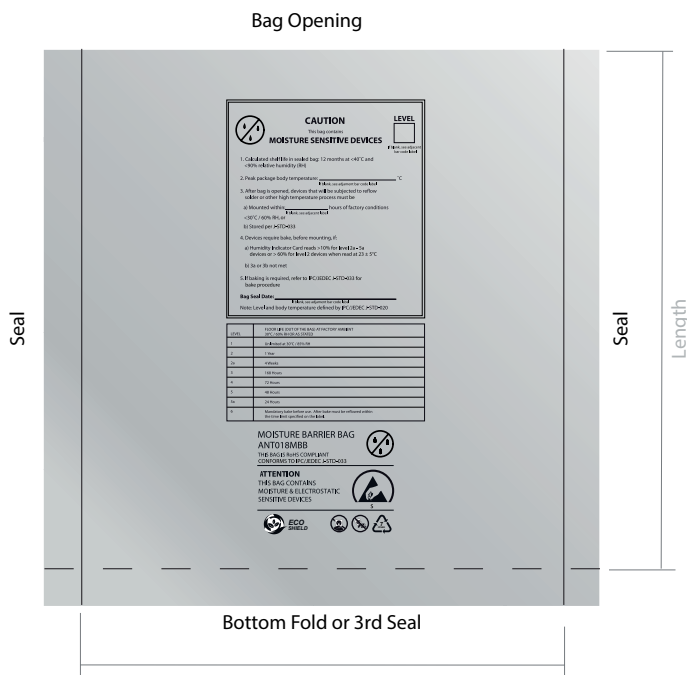
ESD Moisture Barrier Bag 6mil

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:

- Protect your expensive electronics from moisture and static damage
- In flat open top style, printable surface
- Firm lamination and hot sealing offer superior resistance to vapor and oxygen
- Surface resistance 10^8 - 10^{11} Ohms
- Strong tensile strength

Usage: Applicable to pack electronic products which are sensitive to static and moisture



Configuration

Static Dissipative Layer
Polyester
Aluminium Foil
Nylon
Polyethylene
Static Dissipative Coating

Construction

Our 6 mil moisture barrier bags are constructed in 5 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 Properties	Unit	Test Standard and Result
Metal layer resistance	Ohm/sq	<0.1
Surface resistivity	Ohm/sq	10 ⁸ -10 ¹¹
Time for static removal	5000-0V	<0.02 sec FTMS 101 B Method 4046
Friction static	EIA541 Appendix C Avg.	Triboelectric Nanocoulombs Quartz<13n/in Tefion.<13n/in
Capacitance release	Voltage difference -EIA541	<10V
Anti-erosion	FTMS 101 C	No visible spots FTMS 101 C Method 3005
Tensile strength	Mpa	ASTM D882 >70
Tear Strength	KN/M	ASTM D1004 100-132
Puncture resistance	P.S.I	ASTM D3420 >100
Tear resistance	gf	MD 280 TD 370
MVTR	gm/100in-2/24hrs	ASTM E 96 <0.0003
Hot sealing temperature	°C	160-180
Hot sealing pressure	P.S.I	40-60
Breaking tensile force N/15mm	N	43-60
Breaking elongation rate %	MD TD	53 200
Lamination Strength N/15mm	MD TD	1.6 2.3
Seal strength	°C	>3kg/cm
Optical Density	Densometer	>5.0

Product Code	Description	Size (in)	Size (mm)	Additional Notes
018-6006	Moisture Barrier Bag 6Mil	4 x 6	101.6 x 152.4	Pack of 100

Note: Other sizes and thicknesses available upon request.



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