

ESD Moisture Barrier Bag 6mil

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 - $10^{11}\Omega$;
- Strong tensile strength.

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



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	E1A541 Appendix C Avg.	Triboelectric Nanocoulombs Quartz<13n/in Teflon.<13n/in
Capacitance release	Voltage difference -E1A541	<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

Construction

Static Dissipative Layer
Polyester
Aluminium Foil
Nylon
Polyethylene
Static Dissipative Coating

Additional Notes:

We recommend that all of our moisture barrier bags be used within 2 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21°C -23°C and relative humidity is 45 - 50%.

The values shown above were developed from random samples taken from production material. We believe them to be typical for the product. Antistat makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. Customers should determine product suitability based upon their own criteria and further qualification process.

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