

BARRIER BAGS

DRYLOK® 3000 Static Shielding/ Moisture Barrier Bag



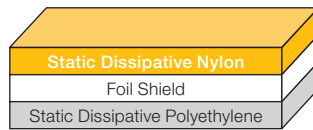
Our DRYLOK® 3000 Static Shielding/Moisture Barrier Bag is engineered to protect contents from electro-static shock and moisture. Its 6 mil construction prevents punctures, safeguards static- and moisture-sensitive devices during transport and storage, and helps ensure that vacuum is maintained for up to 2 years.

DRYLOK® 3000 bags are available in several standard sizes designed to contain matrix trays, tubes and 13" shipping reels and custom sizes can be made to fit the needs of nearly any project. When used with the Advantek® Desiccant and Humidity Indicator Cards, The DRYLOK® 3000 bags provide superior protection for Static- and moisture-sensitive devices.

- 6.1 mil thick static dissipative nylon, aluminum foil, and static dissipative polyethylene provide a very low MVTR.
- Meets requirements of EIA 541, IPC/JEDEC J-STD-033 and MIL-PRF-81705D Type I, Class 1

Construction

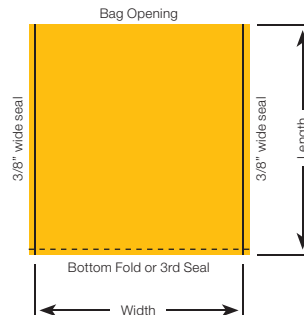
DRYLOK® 3000 Static Shielding/Moisture Barrier Bags are constructed in three layers. This cross section depicts the layer order from top (outermost layer) to bottom (inside of the bag). These layers consist of a static dissipative nylon outer layer and a static dissipative polyethylene inner layer with a center layer of metal foil.



Typical Bag Configuration

Configurations

DRYLOK® 3000 Static Shielding/Moisture Bags are available in custom sizes or in several industry standard sizes designed for reels, matrix trays and tubes. Bags are offered in a 2-seal configuration with a bottom fold or a 3-seal configuration, each with our standard Advantek hot-stamp or your company's hot-stamped or flexographically printed logo.



Shelf Life and Storage

We recommend that DRYLOK® 3000 bags be used within 3 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 20°C +/- 16°C (68°F +/- 29°F) and relative humidity is 50% +/- 30%.

DRYLOK® 3000 Physical Properties

Property	Typical Value	Test Method/Standard
Thickness	6.1 mils	N/A
Tensile Strength	>4500 psi	ASTM D 882
Puncture Resistance	17 lbs	FTMS 101 MTH 2065
Seam Strength	Pass	MIL-PRF-81705D
MVTR	<0.0003 grams	ASTM F 1249
Heat Sealing Conditions		
Temperature	300°F - 400°F	N/A
Time	0.6 - 4.5 seconds	N/A
Pressure	30 - 70 PSI	N/A

DRYLOK® 3000 Electrical Properties

EMI Attenuation	45dB	MIL-PRF-81705D
Surface Resistivity		
Interior	<10 ¹² ohms/square	ASTM D 257
Exterior	<10 ¹² ohms/square	ASTM D 257
Static Decay	<0.05 second	FTMS 101 MTH 4046
Static Shielding	<15 volts	EIA 541

Note: These values were developed from random samples taken from production material. We believe them to be typical for the product. However, actual values may vary somewhat from those depicted above. You should determine product suitability based upon your own internal criteria.



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



ADVANTEK®
engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated		Pressure Sensitive			
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®		STATLOK®			
Bands	PROBAND®		LOKBAND®			
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured		Non UV Cured			

Germany: +49-761-45546-0
 North America: +1-510-623-1877
 Philippines: +63-49-545-6350
 Singapore: +65-6759-6800
 China: +86-21-5048-4588
 Taiwan: +886-2-2290-1789
 Japan: +81-49-229-5100

advantek.com