

## BARRIER BAGS

# DRYLOK® 3410 Static Shielding/ Moisture Barrier Bag



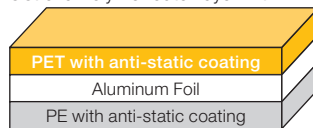
Our DRYLOK® 3410 Static Shielding/Moisture Barrier Bag is engineered to protect contents from electro-static shock and moisture. Its construction prevents punctures, safeguards static- and moisture-sensitive devices during transport and storage, and helps ensure that vacuum is maintained for up to 2 years.

DRYLOK® 3410 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® 3410 bags provide superior protection for Static- and moisture-sensitive devices.

- Meets requirements of EIA 541 and IPC/JEDEC J-STD-033

### Construction

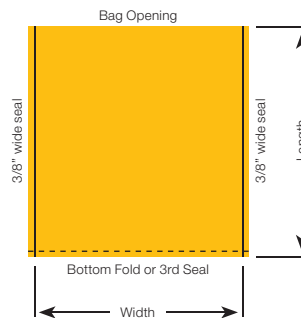
DRYLOK® 3410 Static Shielding/Moisture Barrier Bags are constructed in three layers. This cross section depicts the layer order from top (outermost layer) to bottom (inside of the bag). These layers consist of a Polymer outer layer with anti-static coating and a polyethylene inner layer with anti-static coating with a center layer of Aluminum foil.



### Configurations

DRYLOK® 3410 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 or your company's printed logo.

#### Typical Bag Configuration



### Shelf Life and Storage

We recommend that DRYLOK® 3410 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 20°C +/- 16°C (68°F +/- 29°F) and relative humidity is 50% +/- 30%.

#### DRYLOK® 3410 Physical Properties

Property	Typical Value	Test Method/Standard
Thickness	3.8 mils ± 10%	N/A
Puncture Resistance	>17 lbs	FTMS 101 MTH 2065
Seam Strength	Pass	MIL-PRF-81705E
MVTR	≤0.002 grams	ASTM F 1249
Heat Sealing Conditions		
Temperature	160°C - 180°C	N/A
Time	0.4 - 2 seconds	N/A
Pressure	30 - 60 PSI	N/A

#### DRYLOK® 3410 Electrical Properties

Surface Resistivity		
Interior	<10 <sup>12</sup> ohms/square	ASTM D 257
Exterior	<10 <sup>12</sup> ohms/square	ASTM D 257
Static Decay	<2 second	EIA 541
Static Shielding	<20 volts	EIA 541

Note: These values were developed from random samples taken from production material, and may be changed without notice. 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	Jumbo	Ultra	Pro	Lite	Trimline	Mini	
Barrier Bags	DRYLOK®	STATLOK®					
Bands	PROBAND®	LOKBAND®					
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot			
Desiccant	1/6 Unit	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit

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