

# DRYLOK® 2100 Static Shielding /Moisture Barrier Bag



Advantek's DRYLOK® 2100 Static Shielding/Moisture Barrier Bag is engineered to protect contents from electro-static shock and moisture. DRYLOK® 2100 bags are available in several standard sizes designed to contain matrix trays, tubes and 13" shipping reels. Need other sizes? We can make custom bags to fit the needs of nearly any project.

- > 3.6mil thick with multiple layers of metalized polyester provide good puncture resistance protection for moisture-sensitive device
- > High puncture resistance for strong physical protection
- > Meets requirements of EIA 541 and EIA 583



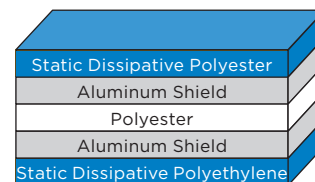
## Material Properties

Property	Typical Value	Test Method
Thickness	3.6 mils	N/A
Puncture Resistance	>20lbs	FTMS 101C, Method 2065.1
MVTR	<0.02 grams/100sq.inch	ASTM F 1249
Seam Strength	Pass	MIL-PRF-81705
Heat Sealing Conditions	300 - 400°F 0.6 - 4.5 seconds 30 - 70 PSI	-
Surface Resistivity	≥1.0E5, <1.0E12 Ohms/sq.	ASTM D 257
Static Decay	< 2 Seconds	EIA 541
Static Shielding	< 20 nJ	STM 11.31

Note: These values presented for this product are typical laboratory data and may be changed without notice. You should determine products suitability based upon your own internal test and criteria.

## Construction

DRYLOK® 2100 Static Shielding/Moisture Barrier Bags are constructed in five layers. This cross-section depicts the layer order from outermost to innermost layers, a static dissipative polyester layer, aluminum shield, polyester, aluminum shield and static dissipative polyethylene layer.



## Configurations

DRYLOK® 2100 Static Shielding/Moisture Barrier Bags are available in custom sizes or in several industry standard sizes designed for 13" reels, matrix trays and tubes. Bags are offered in a 2-seal configuration with a bottom fold or a 3-seal configuration. Marking options include our standard Advantek hot-stamp, your company's hot-stamp or a flexographic printed logo.

## Shelf Life and Storage

DRYLOK® 2100 bags are recommended to 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 ± 16°C (70°F ± 29°F) and relative humidity is 50% ± 30%.

## Typical Bag Configuration

