

## BARRIER BAGS

# DRYLOK® 8800 Static Shielding/ Moisture Barrier Bag

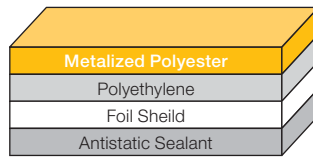


Our DRYLOK® 8800 Static Shielding/Moisture Barrier Bag is engineered for maximum protection of sensitive components from electro-static shock and moisture during transport and storage.

- Substantial 5.4 mil metal foil construction helps ensure that vacuum is maintained for up to 2 years.
- Designed to contain matrix trays, tubes and 13" shipping reels
- Available in several standard sizes with custom sizes on request
- Meets the requirements of EIA 541, IPC/JEDEC J-STD-033 and MIL-PRF- 81705D Type I, Class 1
- Use with Advantek Desiccant and Humidity Indicator Cards for superior protection of static- and moisture-sensitive devices

### Construction

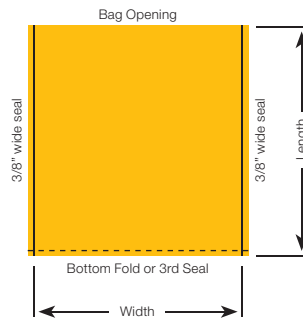
DRYLOK® 8800 Static Shielding/Moisture Barrier Bags are constructed in four layers. The bag features a metallized polyester outer layer with an antistatic inner layer. In between is a layer of polyethylene and an aluminum foil shield.



### Configurations

DRYLOK® 8800 Static Shielding/Moisture Bags are available in custom sizes or in several industry standard sizes designed for 13" reels, matrix trays and tubes. The DRYLOK® 8800 is easily vacuumed and sealed by most vacuum sealing equipment. A temperature range of 300°F to 400°F applied to both sides of the material for up to 4.5 seconds will yield a strong and consistent seal. Bags are offered in a 2-seal configuration with a bottom fold and an Advantek hot-stamp or your company's hot-stamped or flexographically printed logo.

### Typical Bag Configuration



### Shelf Life and Storage

We recommend that DRYLOK® 8800 bags be used within 3 years of 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 +/- 61°F) and relative humidity is 50% +/- 30%. Exceeding these recommended storage conditions could result in inconsistent product performance.

### DRYLOK® 8800 Physical Properties

Property	Typical Value	Test Method/Standard
Thickness	5.4 mils +/- 10%	N/A
Tensile Strength	>36 lbs/in MD >38 lbs/in TD	ASTM D-882
Puncture Resistance	25 lbs	FED STD 101
Seam Strength	Pass	MIL-PRF-81705D
MVTR	<0.0003 grams	ASTM F-1249
Heat Seal Temperature Time Pressure	300°F - 400°F 0.6 - 4.5 seconds 30 - 70 psi	N/A

Electrical Properties		
EMI Attenuation	>35dB	MIL-PRF-81705D
Surface Resistivity Interior Exterior	5 x 10 <sup>10</sup> ohms/square 1 x 10 <sup>9</sup> ohms/square	MIL-PRF-81705D
Static Decay	0.01 seconds	MIL-PRF-81705D
Static Shielding	0.05 volts	MIL-PRF-81705D

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

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