

BARRIER BAGS

DRYLOK® 2275 Static Shielding/ Moisture Barrier Bag



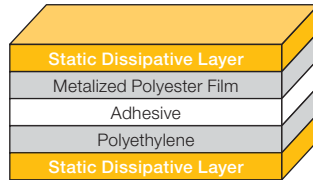
With a thickness of 5.5mm, the DRYLOK® 2275 Static Shielding/Moisture Barrier Bag is designed to protect sensitive devices from electro-static shock and moisture. Its durable construction helps ensure a sustained vacuum for up to two years.

DRYLOK® 2275 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 Advantek Desiccant and Humidity Indicator Cards, the DRYLOK® 2275 Static Shielding/Moisture Barrier Bag provides superior protection for static- and moisture-sensitive devices.

- Excellent performance with most vacuum sealing equipment
- Meets requirements of EIA 541, EIA 583 and MIL-PRF-81705D Type I, Class 1

Construction

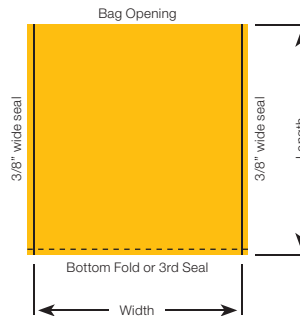
DRYLOK® 2275 Static Shielding/Moisture Bags are constructed in five layers. This cross-section depicts the layer order from top (outermost layer) to bottom (inside of the bag). On the outside of the bag is a static dissipative layer. Directly beneath it is a layer of metalized polyester, which is bound by adhesive to a layer of polyethylene. The innermost layer next to the bag contents is static dissipative polyethylene.



Configurations

DRYLOK® 2275 Static Shielding/Moisture 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. 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.

Typical Bag Configuration



Shelf Life and Storage

We recommend that DRYLOK® 2275 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 +/- 28°F) and relative humidity is 50% +/- 30%. relative humidity is 50% +/- 30%.

DRYLOK® 2275 Physical Properties

Property	Typical Value	Test Method/Standard
Thickness	5.5 mils	N/A
Tensile Strength	9500 MD PSI 7200 TD PSI	ASTM D 882-83
Tear Strength	4.5 MD, 6.2 TD lbs	ASTM D 1004-66
Elongation	45% MD, 80% TD	ASTM D 882-83 MTH A
Burst Strength	120 PSI	FTMS 101C MTH 2007
Puncture Resistance	>25 lbs	FTMS 101C MTH 2065
Heat Seal Strength	>10 lbs/in. width	ASTM D 1876-72
Light Transmission	<0.01%	ASTM D 1003-77
MVTR	<0.005 grams	ASTM F 1249
OTR	<0.005 cc	ASTM D 3985-81

DRYLOK® 2275 Electrical Properties

EMI Attenuation	<45dB between 1 & 10 Ghz	MIL-B81705 Rev C
Static Shielding	<8 volts	EIA 541
Static Decay	<0.03 seconds	FTMS 101C MTH 4046
Surface Resistivity Interior Exterior	<10 ¹² ohms/square <10 ¹² ohms/square	ASTM D 257
Charge Generation Teflon Quartz	-0.09 n/C sq. in. 0.10 n/C sq. in.	Modified Incline Plane

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.



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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			

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