Technology Made For You™

ADVANTEK

ASSOCIATED PRODUCTS

# DRYLOK® 4400 Static Shielding /Moisture Barrier Bag

**Advantek's DRYLOK® 4400 is a unique transparent static shielding/moisture barrier bag. It is engineered to protect contents from electro-static shock and moisture. DRYLOK® 4400 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.**

> Transparent construction provide inspection capability with good puncture protection
> Meets requirements of EIA 541 and EIA 583

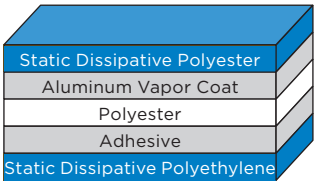
## Material Properties

| Property | Typical Value | Test Method |
|---|---|---|
| Thickness | 3.3 mils | N/A |
| Puncture Resistance | >20lbs | FTMS 101C, Method 2065.1 |
| MVTR | <0.05 grams/100sq.inch | ASTM F 1249 |
| Seam Strength | Pass | MIL-PRF-81705 |
| Heat Sealing Conditions | 300 - 400°F<br>0.6 - 4.5 seconds<br>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

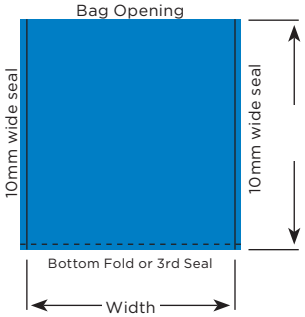
DRYLOK® 4400 Static Shielding/Moisture Barrier Bags are constructed in five layers. This cross-section depicts the layer order from outermost to innermost layers, a static dissipative polyester layer, aluminum vapor coat, polyester, adhesive and static dissipative polyethylene layer.




## Configurations

DRYLOK® 4400 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.

Typical Bag Configuration




## Shelf Life and Storage

DRYLOK® 4400 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%.

