DRYLOK® 3000
Shielding & Moisture Barrier Bag

Advantek's DRYLOK 3000 Static Shielding/Moisture Barrier Bag is engineered to protect contents from electro-static shock and moisture. Its durable 6 mil construction prevents punctures, and safeguards static and moisture-sensitive devices during transport and storage. It is 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.

> Low Water Vapor Transmission Rate for superior protection for moisture-sensitive device
> Meets requirements of EIA 541 and IPC/JEDEC J-STD-033

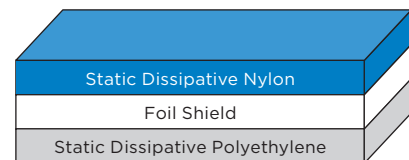## Material Properties

Property	Typical Value	Test Method
Thickness	6.0 mil	N/A
Puncture Resistance	17 lbs	FTMS 101C, Method 2065.1
MVTR	<0.0003 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.
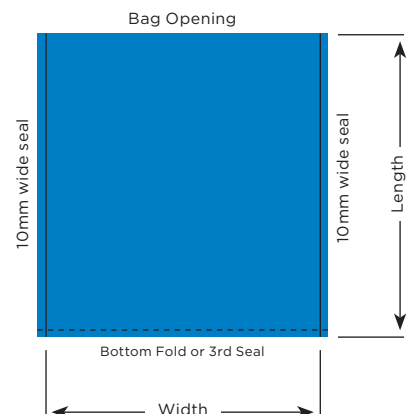
Construction

Constructed in three layers. This cross-section depicts the layer order from outermost to innermost layers, a static dissipative nylon, aluminum foil and static dissipative polyethylene layer.

Static Dissipative Nylon
Foil Shield
Static Dissipative Polyethylene

Configurations

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, a custom hot-stamp or custom flexographic printed logo.

Typical Bag Configuration

Bag Opening
10mm wide seal
10mm wide seal
Length
Bottom Fold or 3rd Seal
Width

Shelf Life and Storage

Product is recommended to be used within 2 years from the date of manufacture. Store 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%.