

SHIELDING BAGS

STATLOK® 1100 Static Shielding Bag

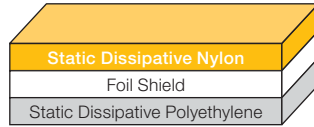


Our STATLOK® 1100 Static Shielding Bag is ideal for contents needing protection from static but not from moisture. Its durable construction safeguards static-sensitive devices during transport and storage. STATLOK® 1100 bags are available in several standard sizes designed to contain matrix trays, tubes and 13" shipping reels. Need other sizes? We can make custom bags to fit the needs of nearly any project.

- 3.0 mil thick transparent buried metal ESD static shield bag engineered to protect contents from electro-static shock while allowing visual inspection capability.
- Meets requirements of EIA 541 and MIL-PRF-81705D Type III, Class 1

Construction

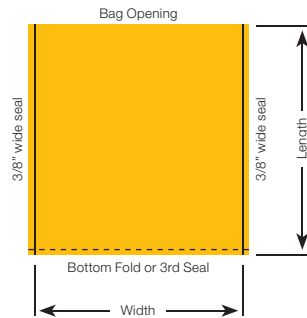
STATLOK® 1100 Static Shielding Bags are constructed in three layers. These layers consist of a static dissipative polyester outer layer and a static dissipative polyethylene inner layer with a center metallized shield layer.



Configurations

STATLOK® 1100 Static Shielding 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, with our standard Advantek hot-stamp or flexographically printed logo.

Typical Bag Configuration



Shelf Life and Storage

We recommend that STATLOK® 1100 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 +/- 29°F) and relative humidity is 50% +/- 30%.

STATLOK® 1100 Physical Properties

Property	Typical Value	Test Method/Standard
Thickness	3 mils +/- 10%	N/A
Tensile Strength	25 lbs/in +/- 15%	ASTM D 882
Puncture Resistance	12 lbs +/- 10%	FTMS 101 MTH 2065
Seam Strength	Pass	MIL-PRF-81705D
Heat Sealing Conditions		
Temperature	300°F - 400°F	N/A
Time	0.6 - 4.5 seconds	N/A
Pressure	30 - 70 PSI	N/A

STATLOK® 1100 Electrical Properties

EMI Attenuation	45dB	MIL-PRF-81705D
Surface Resistivity		
Interior	<10 ¹² ohms/square	ASTM D 257
Exterior	<10 ¹² ohms/square	ASTM D 257
Static Decay	<0.05 seconds	FTMS 101 MTH 4046
Static Shielding	<30 volts	EIA 541
Charge Generation		
Teflon	0.09 n/C sq. in.	Modified Incline Plane
Quartz	0.01 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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Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
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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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