



Dri-Shield 2700™

Moisture Barrier Bag ~ Aluminized

SCC's Dri-Shield 2700 Moisture Barrier Bag is designed for dry packaging of electronic devices. Made from multiple layers of metallized polyester and heavy gauge dissipative polyethylene, Dri-Shield 2700 bags provide superior puncture resistance and drop test performance. Bags protect SMD's from moisture and static damage. Flexible structure is easy to vacuum seal. Coded for QC traceability.

Standards

Meets electrical and physical requirements of MIL-PRF-81705 Type 1, EIA 583, EIA 541, EIA 625, and EOS/ESD Standards.

Specifications

Physical Properties:

MVTR(g/100 sq.in./24 hrs)	Typical Values <.005	ASTM F 1249
Puncture Resistance	30 lbs	FTMS 101 MTH 2065
Thickness	7.0 mils	SCC 008
Tensile Strength	40 lb	ASTM D882
Seam Strength	Pass	MIL-PRF-81705
Heat Sealing Conditions:		
Temperature	300°F - 400°F	
Time	0.6 - 4.5 seconds	
Pressure	30 - 70 PSI	

Electrical Properties:

Surface Resistivity / Resistance	ASTM D257	or ANSI/ESD STM11.11
Interior	<10 ¹² ohms/square	or <10 ¹¹ ohms
Exterior	<10 ¹² ohms/square	or <10 ¹¹ ohms
Metal	100 ohms	
Static Shielding	< 20 volts	EIA 541
Static Shielding	< 10 nJ	EOS/ESD S11.31
EMI Attenuation	45 dB	MIL-PRF-81705
Static Decay	< 0.03 seconds	FTMS 101 MTH 4046
Non-Corrosive	Pass	FTMS 101 MTH 3005
Outgassing	Pass	ASTM E595

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STANDARD SIZES

W"x L"	W"x L"	W"x L"
4 x 6	10 x 30	15 x 18
10 x 12	10.5 x 18	16 x 18
10 x 20	12 x 16	

Width is measured from inside seam to inside seam.
 Length is measured from the top edge to the bottom fold.
 Opening is in the "width" dimension.
 Custom bag sizes, custom printing, and custom hot stamping are available.
 Most sizes are packed 100 per case.
 Small sizes are packed 1000 or 500 per case.