

Moisture Barrier Bag ~ Aluminized

SCC's Dri-Shield 2000 Moisture Barrier Bag is designed for dry packaging of electronic devices and uses the first structure approved under MIL-PRF-81705 Type I. Dri-Shield 2000 bags are made from multiple layers of metallized polyester and dissipative polyethylene. 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:

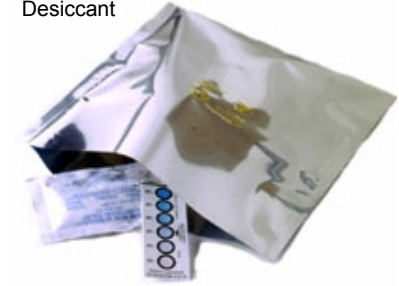
	Typical Values	
MVTR(g/100 sq.in./24 hrs)	<.02	ASTM F 1249
Puncture Resistance	> 20 lbs	FTMS 101 MTH 2065
Thickness	3.6 mils	SCC 008
Tensile Strength	40 lb	ASTM D882
Seam Strength	Pass	MIL-PRF-81705
Heat Sealing Conditions:		
Temperature	300°F - 400°F	
Time	0.6 - 4.5 seconds	
Pressure	30 - 70 PSI	

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



Moisture Barrier Bag with Humidity Indicator Card and Desiccant



Material Structure

Multiple layers of metallized polyester provide puncture resistance and moisture barrier for this economical dry package. This highly reliable material meets or exceeds MVTR and EMI/RFI/Static Shielding requirements of MIL-PRF-81705, Type I and EIA 583, Type I for static safe, moisture barrier packaging.

