

3M™ Moisture Barrier Bag Dri-Shield 3000

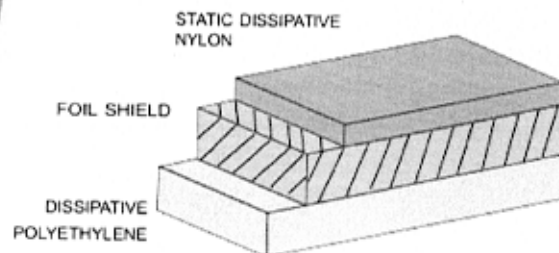
This foil moisture barrier bag is designed to provide a static safe environment for sensitive electronic devices. A nylon layer helps to strengthen the bag. The bags are heat sealable and suitable for vacuum packaging. Bags are printed with ESD and moisture warning symbols, and a lot code for traceability.

3M Moisture Barrier Bags Dri-Shield 3000 are manufactured from a laminate of nylon, foil, and polyethylene. The metal layer is intended to provide shielding of Electrostatic Discharge (ESD) and to help minimize the penetration of electric field.

These bags are tested to meet or exceed certain electrical and physical requirements of Moisture Barrier Bags, ANSI/ESD S541, and to be ANSI/ESD S20.20 program compliant. Bags are RoHS Compliant* and lead-free**.



3M™ Moisture Barrier Bag
Dri-Shield 3000



Physical	Typical Value	Testing Method
Moisture Vapor Transmission Rate (MVTR)	≤ 0.0003 grams/100 sq. in./24 hrs.	ASTM F1249
Tensile Strength	3800 PSI, 26 MPa	ASTM D882
Puncture Resistance	16 lbs, 71 N	MIL-STD-3010C Method 2065
Seal Strength	15 lbs, 66 N	ASTM D882
Thickness	6 mils, .1524 mm +/-15%	MIL-STD-3010C Method 1003
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Electrical	Typical Value	Testing Method
ESD Shielding	<10 nJ	ANSI/ESD STM11.31
Surface Resistance - Interior	<1x10 ¹¹ ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	<1x10 ¹¹ ohms	ANSI/ESD STM11.11
Static Decay	< 2 seconds	ETS 406D
EMI Attenuation	45 dB	1 to 10 GHz
Cleanliness	Typical Value	Testing Method
Silicone	Not Detected	FTIR
Heat Sealing Conditions	Typical Value	
Temperature	400°F, 204°C	
Time	0.6 – 4.5 seconds	
Pressure	30 – 70 PSI, 206 – 482 KPa	

This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program.