

3M™ Static Shielding Bag 1000

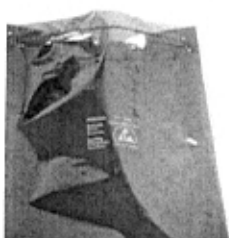
This transparent metal-in static shielding bag is designed to provide a static safe environment for sensitive electronic devices. Bags are printed with an ESD warning symbol and a lot code for traceability. Open top and ZipTop styles are available. The bags are heat sealable.

3M Static Shielding Bags 1000 are manufactured from a polyester, metal, polyethylene laminate. The polyester dielectric in concert with the metal layer is intended to provide shielding of Electrostatic Discharge (ESD) and to help minimize the penetration of electric field.

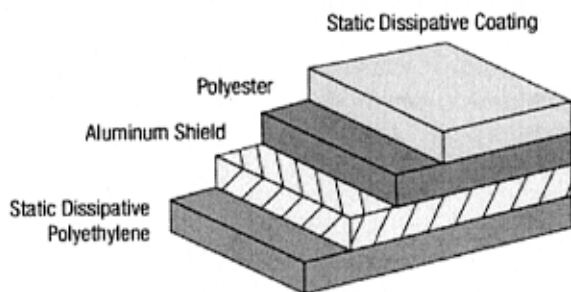
These bags are tested to meet or exceed certain electrical and physical requirements of Static Shielding Bags, ANSI/ESD S541, and to be ANSI/ESD S20.20 program compliant. Bags are RoHS Compliant* and lead-free**.



3M™ Static Shielding Bag 1000, Open Top



3M™ Static Shielding Bag 1000, ZipTop



Physical	Typical Value	Testing Method
Tensile Strength	4600 PSI, 32 MPa	ASTM D882
Puncture Resistance	12 lbs, 53 N	MIL-STD-3010C Method 2065
Seal Strength	11 lbs, 48 N	ASTM D882
Thickness	2.8 mils, .071 mm +/-15%	MIL-STD-3010C Method 1003
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Transparency	40%	Tobias

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

Cleanliness	Typical Value	Testing Method
Silicone	Not Detected	FTIR

Heat Sealing Conditions	Typical Value
Temperature	300°F – 375°F, 149°C – 190°C
Time	0.5 – 3.5 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.