

ESD Bags

BG Series

RoHS & REACH Compliant

Open Top ESD Bags are manufactured from polyester, metal, and polyethylene laminates. The polyester dielectric in concert with the metal layer provides a Faraday Effect shielding of an Electrostatic Discharge (ESD). The metal layer prevents the penetration of damaging electrostatic fields. Tribocharging is minimized by the specially processed polyethylene. ESD bags provide a static safe environment for sensitive electronic devices.

Applications

- Electronic Assembly and Manufacturing
- Pharmaceutical Plants and Cleanroom Operation
- Fiber Optics, Aerospace, and Hospitals

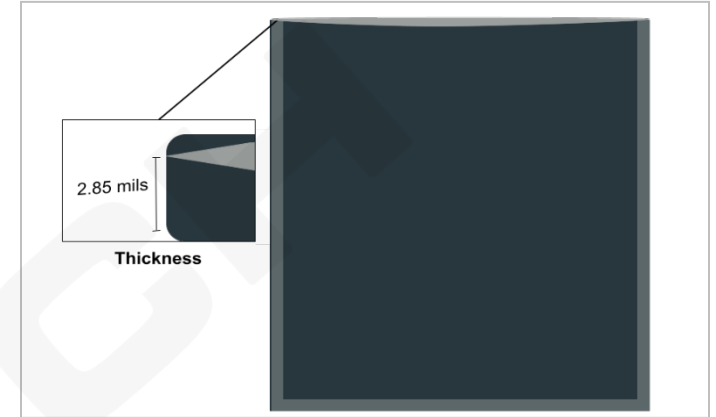
Construction

ESD Bags are made from four layers construction of static dissipative polyethylene, aluminum shield, polyester and static dissipative coating at the top.

Product Specifications ⁽¹⁾

SURFACE RESISTIVITY	< 10 ¹² ohms/square	ASTM D-257
EMI SHIELDING	<10 dB (1-10 GHZ)	MIL B 81705 C
STATIC DECAY	< 0.05 seconds	EIA 541
CAPACITANCE PROBE	<10 Volts, 20 millisecc.	EIA 541
TENSILE STRENGTH	15 lbs.	D-882
TEAR	2 lbs.	ASTM D-1004
PUNCTURE	> 10 lbs.	ASTM D-2065
THICKNESS	2.85 mils	

(1) Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.



Bertech® makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its this product for any particular purpose, nor does Bertech® assume any liability whatsoever arising out of the application or use of this product. It is ultimately the responsibility of the customer to determine a product's suitability for a particular application.



Bertech
640 Maple Ave
Torrance, CA 90503
Phone: (310) 787-0337
Email: sales@bertech.com
www.bertech.com

PRODUCT DATA SHEET