Technical Datasheet

ESD Bags
RoHS Compliant
BG Series

Open Top ESD Bags are manufactured from polyester/metal/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, 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.

TYPICAL PHYSICAL PROPERTIES (1)

Surface Resistivity	$< 10^{12}$ ohms/square
Static Shielding	< 25 Volts
Static Decay	< 0.05 seconds
Tensile Strength	5,000 PSI
Light Transmission	40%
Thickness	3 mil

(1) Specifications are subject to change at any time for a variety of reasons. If you have any questions, please call for the latest update.