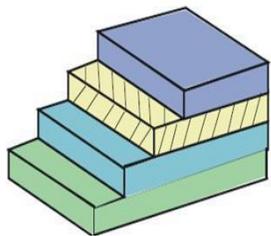


KS-1000 'metal-in' static shielding bags are approved by major manufacturers worldwide. The transparent metalised shielding bags provide a complete static safe environment for the safe storage and transportation of static sensitive devices. The metal layer prevents the penetration of damaging electrostatic fields by creating a Faraday effect and shielding an Electrostatic discharge. (ESD)

Standards: Meets the requirements of ESD STM11.31-2006, EIA541, MIL-PRF-81705, ANSI/ESD S20.20 MIL-STD-3010, IEC 61340-5-1 1998, ASTM D 882

Static Shielding Bag Structure:



Static Dissipative Coating
Polyester
Aluminium Shield
Static Dissipative Polyethylene

*Bags have a batch number for QA traceability.
 All custom sizes can be manufactured to specific requirements. Standard size chart available.*

Electrical Properties:

Surface Resistivity / Resistance
 Interior
 Exterior
 Static Shielding
 Static Shielding
 Static Decay
 Charge Retention
 Size Tolerances

Typical Values

STM11.31-2006/MIL-STD-3010 4046
 $>10^6 <10^{11}$ ohms / squares $>10^6 >10^{11}$ ohms/square
 $>10^6 <10^{11}$ ohms / squares $>10^6 <10^{11}$ ohms/square
 <30 volts STM11.31-2006/EIA541/MIL81705
 <50 nJ STM11.31-2006
 <2 seconds IEC61340-5-1-1998
 <100 volts IEC61340-5-1-1998
 ±3mm +/-15%

Physical Properties:

Tensile Strength
 Seam Strength
 Light Transmission

>20 lbs ASTM D 882
 Pass MIL-PRF-81705
 35-40% Tobias

Heat Sealing Conditions

Temperature
 Time
 Pressure
 Thickness
 Outgassing
 Non-Corrosive

180⁰C – 250⁰C
 0.5-3.5 seconds
 30-70 PSI
 75um ± 10%
 Pass ASTM E595
 Pass FTMS 101 MTH 3005



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