



## Static Shielding Bag Specifications: KS-1000

Electrical Properties:	Typical Values
Surface Resistivity / Resistance	STM11.31-2006/MIL-STD-3010 4046
Interior	$>10^6 <10^{11}$ ohms / squares $>10^6 >10^{11}$ ohms/square
Exterior	$>10^6 <10^{11}$ ohms / squares $>10^6 <10^{11}$ ohms/square
Static Shielding	<30 volts STM11.31-2006/EIA541/MIL81705
Static Shielding	<50 nJ STM11.31-2006
Static Decay	<2 seconds IEC61340-5-1-1998
Charge Retention	<100 volts IEC61340-5-1-1998
Size Tolerances	$\pm 3\text{mm} +/15\%$

### Static Shielding Bags - Open Top and Loc Top:

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

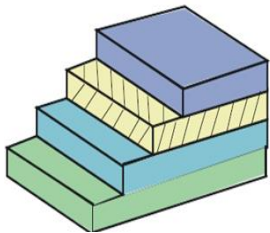
### Physical Properties:

Tensile Strength	>20 lbs	ASTM D 882
Seam Strength	Pass	MIL-PRF-81705
Light Transmission	35-40% Tobias	

### Heat Sealing Conditions

Temperature	180°C – 250°C	
Time	0.5-3.5 seconds	
Pressure	30-70 PSI	
Thickness	75um $\pm$ 10%	
Outgassing	Pass	ASTM E595
Non-Corrosive	Pass	FTMS 101 MTH 3005

### 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.*



Loc Top



Open Top

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