

## **Specification of ESD Open Top Static Shielding Bags** **PART No. 105-4150-**



The transparent metallised 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

Transparent metallised shielding bags provide a complete static safe environment for the safe storage and transportation of static sensitive devices and printed circuit boards ensuring easy identification. (Faraday cage).

100 bags per pack

### **ABOUT KAISERTECH**

Founded in 1998, Kaisertech Ltd is situated in Eastleigh, Hampshire.

Through hard work and dedication Kaisertech has grown to be a well-recognized supplier of electronic production equipment and tools.

Specialists in: Soldering, Static Control, Vision, Industrial Furniture, Electric crew Drivers & Special Projects.

**Electrical Properties:**
**Typical Values**

Surface Resistivity / Resistance	STM11.31-2006/MIL-STD-3010 4046	
Interior	>106<1011 ohms / squares >106 >1011 ohms/square	
Exterior	>106 <1011 ohms / squares >106 <1011 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	±3mm +/-15%	

**Physical Properties:**

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

**Heat Sealing Conditions:**

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

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