

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



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

Transparent metalised 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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