

EXT-4500 Semi-transparent Static Shield / Moisture Barrier Bag

Estatec's[®] Semi-transparent Static Shield / Slight Moisture Barrier Bags are made of multiple layers of Polyester and Polyethylene to provide a static shielding bag with moisture barrier properties. This semi-transparent bag provides protection for your ESD and moisture sensitive devices while allowing for visual inspection of the bag contents. Estatec's[®] bags are coded for QC traceability.

STANDARDS

Meets electrical and physical requirements of ANSI/ESD S20.20, ESD S541, EIA 625, and EOS/ESD Standards.

SPECIFICATIONS

Physical Properties

Physical Properties	Typical Values
MVTR	≤ 0.025
Puncture Resistance	≤ 182 lbs.
Puncture Resistance	≤ 40 lbs.
Thickness	4.2 mils. nominal
Tensile Strength	≤ 5,400 psi
Seal Strength	>10 lbs.
Optical Density	.035 - .045

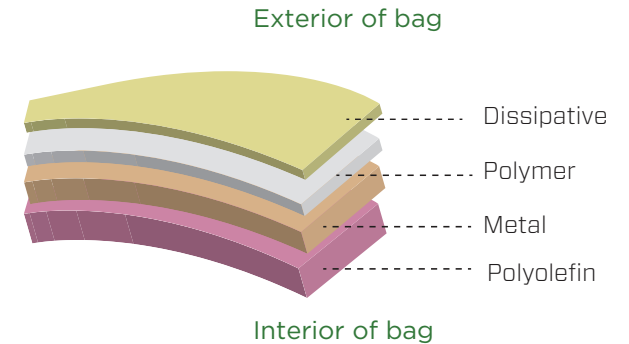
Electrical Properties

Electrical Properties	Typical Values	Standards
Surface resistivity / Resistance	ASTM D257	or ANSI/ESD STM 11.11
Interior	< 10e ¹² ohms	or < 10e ¹¹ ohms
Exterior	< 10e ¹² ohms	or < 10e ¹¹ ohms
Metal	100 ohms	
Static Shielding	< 15 volts	EIA 541
Static Shielding	< 10nJ	EOS/ESD S11.31
Static Decay	< 0.03 seconds	FTMS 101 MTD 4046
Non-corrosive	Pass	FTMS 101 MTD 3005
Outgassing	Pass	ASTM E595



Material Structure

4.2 mils of polyester, metalized polyester and polyethylene provide static shielding, low Moisture Vapor Transmission Rate (MVTR) and transparency. This semi-transparent static shielding / moisture barrier bag meets or exceeds the ESD protective requirements for packaging ESD sensitive electronics devices.



STANDARD PRINT



Storage conditions:

- *Do not expose the product to temperatures above 40 ° C.
- *Do not place at a height of 2 meters.
- *Avoid direct exposure of the product to sunlight for longer times to 24 hours.