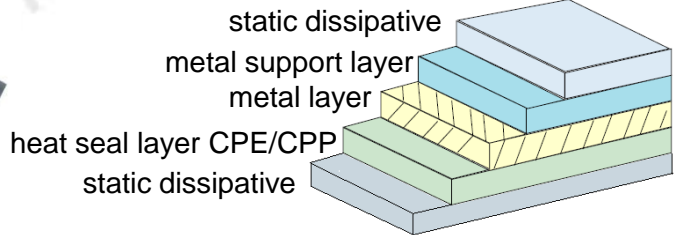


Soutronic ESD Shielding Bags: Metal layer resistance is within 100 Ohms, which make sure the shielding function is good to protect sensitive components

Metal layer resistance within 100 Ohms, this feature determines the shielding function which protects sensitive components from being damaged by electromagnetic waves. Since the metal layer is the middle layer, the resistance can not be measured once a bag was made up, this cause that you will probably purchase a bag whose metal layer resistance is more than 100 ohms even 10000 Ohms. Soutronic guarantees that the metal layer resistance is less than 100 ohms, just like 3M did.



ESD damages types	Damage Way	Source	Solution Method
ESD contact damage	contact	Static source with high voltage Static	Use static dissipative material to discharge the static
Field induction damage	Field induction	Electro Magnetic Waves	According to the theory of "Faraday Cage", make bag with metalized polyester film, control the metal layer resistance within 100 ohms

Features:

- The core function of the shielding bag is shielding. The resistance of the metal layer of the Soutronic shielding bag shall meet the international standard 100 ohms, that is $< 1.0 \times 10^2$ ohms;
- The surface is made of static dissipative material, which conforms to the international standard. The isolation structure is adopted to avoid the impact of static conduction;
- High tensile strength, excellent moisture vapor transmission (MVTR) and oxygen barrier performance;
- Semi-transparent film can make it easy to identify the components in the bag and scan the bar code;
- The appearance is smooth and feel good.

Customization

- Thicken film: Strong CPE layer can improve MVTR, oxygen barrier and the heat sealing performance, these characteristics enable the strong CPE bag to be used as a vacuum package. The way to strength the CPE layer is increasing the thickness of CPE layer. Compare the common film (all layers included) thickness 0.075mm, Soutronic also customize the film thickness to 0.12mm;
- Size: make sizes as customers demand;
- Print: Use the copper plate module to print pattern or LOGO as customers demand.
- With or without Zip lock