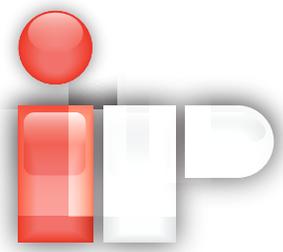


Electronic Packaging Products



Electronic Packaging Products are shipping products for items and/or devices (normally electronic) which can be damaged by electrostatic discharge.

These have distinctive colors for different applications (silvery for metalized PET film and other similar plastics, pink or black for polyethylene). The polyethylene variant some times takes the form of foam or Bubble Wrap, which can be in sheets or bags. When there is a need for protection against mechanical damage as well as electrostatic damage, layers of protection are used frequently; because of this, you might find:

- * The packaged item/items packaged inside a metalized PET film bag
- * Placed inside the polyethylene bubble-wrap pink bag
- * Placed inside a rigid black polyethylene box lined with pink poly foam

To achieve the desired effect, the silver or black pouches are slightly conductive, forming a virtual cage around the item to be protected and preventing any localized charges from being deposited onto the protected devices as the bags are handled. If a bag is not sealed or closed, it offers no protection. The pink or green bags are made of low-charging material, i.e. the bag itself will not create harmful charges, but will not protect the item from electric fields. It is important that the bags only be opened at static-free workstations.

Electronic Packaging Products

Electronic Packaging is specific, that it has been specially designed to help prevent damage to electronic items and products. These particular bags are often used to store, protect and transfer electrostatic sensitive hardware.

Most people have purchased computer or electronic hardware devices such as a hard disk drive, sound card, or video card. These are the types of items that usually come inside a antistatic bag.

It is very important to remember that only the inside of these bags are protected. So, placing a hardware device on top of the bag and not inside of the bag will not protect it. In many cases it is often more harmful to place a electrostatic sensitive device on top of the bag.

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