



## Which ESD Bag do I need?

Electrostatic damage to electronic devices can occur at any point from manufacture to field service. Damage results from handling the devices in uncontrolled surroundings or when poor ESD control practices are used.

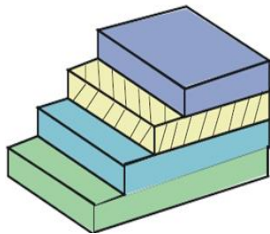
### “METALISED SHIELDING” BAGS (silver in colour)

If bags, holding **STATIC SENSITIVE COMOPONENTS**, are to be handled **OUTSIDE OF AN “EPA”**, they should be in **METALISED SHIELDING BAGS**, a **FARADAY CAGE!** Metalised Shielding bags can be an effective **FARADAY CAGE**, subject to the quality of material and physical condition.

**DO NOT CREASE** the bag, as this can breakdown the intergrity of the metalised shield!

You should not use any bags damaged with **TEARS AND / OR PUNTURES**, as these can **DESTROY THE FUNCTION OF THE FARADAY CAGE!**

Metalised Shielding bags **CAN DETERIORATE** with use, **MONITORING** them for effectiveness is **VERY IMPORTANT!**



Static Dissipative Coating  
Polyester  
Aluminium Shield  
Static Dissipative Polyethylene

### ANTISTATIC BAGS (Pink in colour)

These are the only acceptable “plastic” bags in an EPA!

Antistatic bags offer **NO** effective protection against a contact ESD!

They should only be used for **NON STATIC SENSITIVE** components, e.g. nuts, bolts, paper etc.

Anti Static Coating



Polyethylene

**ORDINARY PLASTIC BAGS** can generate and hold static charges in excess of **10,000v!** Antistatic bags deteriorate with time and wear, **MONITORING** them is **VERY IMPORTANT.**

Please contact us for any further help.

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