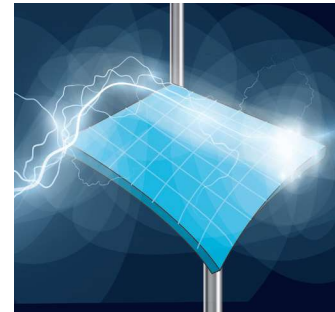
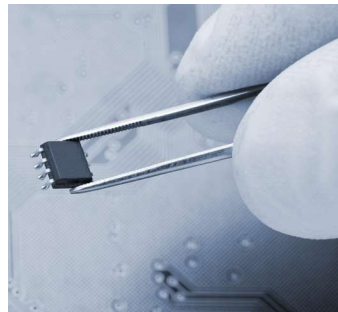


WHAT IS EN 61340-5-1?

PROTECTION OF ELECTRONIC DEVICES FROM ELECTRONIC PHENOMENA



WHAT IS EN61340-5-1

Static charge can build up on the body for a number of reasons including personal attire, atmospheric humidity and the way in which a person walks and moves. A build up of electrostatic discharge (ESD) can damage sensitive electronic components or create fire risks when handling solvents and other flammable materials.

ESDS

In order for electrostatic sensitive devices (ESDS) to be handled with minimal risk of damage there are specific technical requirements for the design, use and control of an electrostatic protected area (EPA). This includes the use of ESD control items such as garments or footwear

HOW IS IT TESTED

Compliant garments must be clearly marked and must completely cover all clothing in the arms and torso region. The point to point resistance over the outer surface must be less than 1012 Ω .



POINT TO POINT RESISTANCE

The point to point resistance is a measure of the conductivity of the material between two points. Conductive fibres in garments work by preventing the static charge build up by allowing it to dissipate through the conductive fibres and go to earth.

LOWER IS BETTER

The lower the resistance the higher the conductivity and the lower the risk of electrostatic discharge.

PORTWEST PRODUCTS

PORTWEST RANGE OF PRODUCTS SUITABLE FOR CONTROL OF ESD ARE:
AS10, AS11, AS20, A198, A199, FC01, FC02, FC03, FC04, FC59, FD01, FD02, FT62, FW48
AS21, A197, A196

