

Don't Get Zapped!

Know More about ESD Protection

Electrostatic discharge is the release of static electricity when two objects come in contact. The amount of static electricity generated depends upon the materials subjected to contact or separation, friction, the area of contact or separation, and the relative humidity of the environment. At lower relative humidity, as the environment is drier, charge generation will increase significantly. This rapid, spontaneous transfer of electrostatic charge can generate heat and melt circuitry in electronic components.

ESD can damage electronic components and products. Often this damage cannot be detected by quality control inspections, which impacts productivity, quality and product reliability. For this reason, manufacturers of electronic devices incorporate measures and use specific products to prevent ESD events throughout the manufacturing, testing, shipping and handling processes.

The basic rules for ESD Protection is to ground all conductor, including people. However, while ESD control is important, employee safety is even more important. Personnel shouldn't be grounded in the situations where they could come into contact with voltage more than 250 volts AC.

- Handle unpackaged ESD sensitive items in the ESD protected area when grounded.
- Use continuous monitors or test wrist straps and ESD footwear
- Check that grounding cords are connected
- Keep work area clean and clear of all non-essential insulators or neutralize essential insulators with ionizers.
- Use packaging with shielding properties to store or transport ESDS outside the EPA.

We offer a great selection of Biodegradable static dissipative packaging for electronic components from leading manufacturers

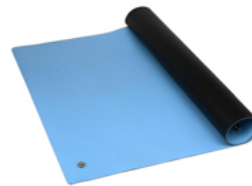


Featured Electrostatic Discharge Products



ESD Bags

Save time and effort with our ready-to-use packaging for sensitive components. Biodegradable ESD Packaging, Conductive, Moisture Barrier and Static Shielding Bags.



ESD Mats

Available for your bench or for the floor. Our durable ESD mats are designed to control ESD, thus allowing its safe passage to the ground.



ESD Wrist Straps

Choose from our range of disposable, adjustable, fixed and expandable wrist straps. Available with or without grounding cord. Ensure you are grounded when you are working with ESD sensitive devices.



ESD Toe / Heel Grounders

Protect your static sensitive components from poor ESD footwear protection, which is a major contributor to Static Discharge.