

# A GUIDE TO ESD GROUNDING METHODS

## THE DIFFERENT TYPES OF ESD GROUNDING METHODS

01

### ▲ ESD WRIST STRAP

ESD wrist straps are connected by a ground cord to an unpainted surface or grounded workstation. When worn, the straps conduct static electricity from your body to the ground, electrically bonding you with your work area. Doing this prevents static electricity from circulating on or around your body. To ensure proper grounding, it is critical that the strap be snug against the skin.

### ▲ ESD MATS

Similar to ESD wrist straps, ESD mats are antistatic surfaces that eliminate static electricity by electrically bonding, or grounding, objects or people standing on top of them. Depending on your particular needs, these mats can be either static dissipative or conductive. ESD mats can be placed on tables or floors, and the most common way to ground these areas is by connecting the mats to an electrical outlet via a grounding cable.

02

03

### ▲ HEEL STRAP, TOE STRAP, OR BOOT STRAP

Shoe grounders, such as heel, toe, and boot straps, are commonly used at standing workstations. They work to ground insulative barriers between your feet and the facility you are working in. Wearing the straps on both feet when standing on dissipating floor mats or conductive floors will provide full grounding protection.

We offer a variety of ESD solutions designed to protect against the harmful effects of ESD. Since 1937, we have been a world-class distributor of engineered materials, with a proven track record of reputable, reliable, and high-quality grounding materials that can help change the way your business operates.

For more information about our ESD grounding solutions, contact us or request a quote today.



Learn More

800.631.1125

[www.robertmckeown.com](http://www.robertmckeown.com)