

Tribo-charging

Did you know that simply sliding out of a chair or walking across a floor can produce enough static electricity to damage mission-critical systems?

Protect Yourself. The best protection is a grounded floor. All StaticSmart ESD Floors contain conductors. These conductive elements provide a safe path to ground, to quickly and effectively remove static charges. So your floor will never again be the weak link in your mission critical operation.

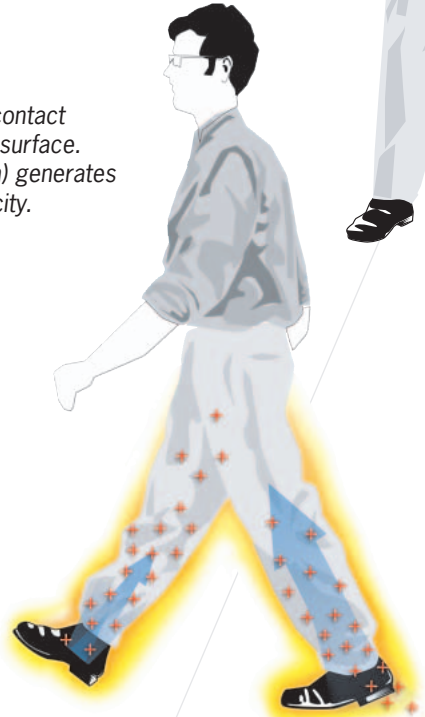
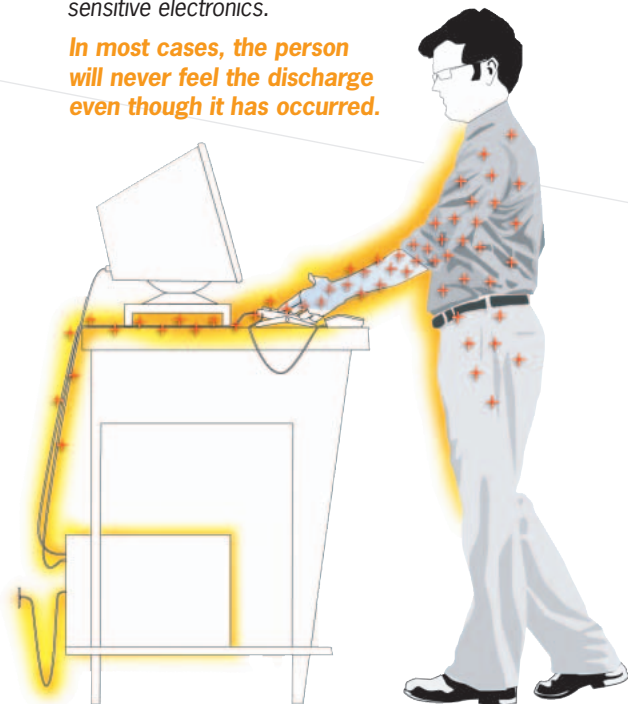
1. Neutrally charged, non-moving person.

2. Walking across a floor, shoes contact and separate from the walking surface. This contact-separation (friction) generates a tribo-charge, or static electricity.

3. Electrons transfer from the surface of the floor to the person walking, "charging" the person, creating an electrical imbalance. To restore balance, the charge must be dispersed.

4. Most electrical charges are dispersed through the hands. If the charged person touches a computer or other electronic component, the charge that's released can damage or destroy sensitive electronics.

In most cases, the person will never feel the discharge even though it has occurred.



Protect yourself —

visit www.staticsmart.com or contact a StaticSmart representative today at (978) 988-8802 to discuss Smart protection for your mission critical environment.