STATIC⚡TECH Dual-Layer Rubber Anti-Static Workstation Mats

Specifications

StaticTech Dual-Layer ESD Workstation Mats defuse static electricity on tables or grounded workbench surfaces via a conductive backing layer and a static dissipative top layer. The conductive bottom layer establishes a consistent ground path while the upper static dissipative layer evenly distributes and neutralizes electrostatic potential. This includes negation of triboelectric charges generated by frictional contact, adhesion, packaging, or interaction between the user and items placed on the mat.

StaticTech Dual-Layer ESD Workstation Mats are individually factory-tested and verified to meet width and thickness specifications, and ESD/ANSI S4.1 resistivity requirements. The top mat layer is verified to be dissipative, and the bottom layer is verified to be conductive.

Smooth Mat Specifications

Smooth ESD mats minimize friction and enable easy wipe down. The chemical and heat resistance ESD rubber protects against hot soldering debris, abrasion, and is safe for cleaning with most solvents. Desktop ESD mats not only protect delicate components from static discharge but also minimize damage to parts or components during handling and production. As recommended by the worksurface standards of ESD/ANSI S4.1, the surface resistance measures greater than 1 x 10^6 ohms, but not more than 1 x 10^9 ohms.

- Thickness: 0.080" (2.0mm)
- Top layer Resistivity: 10^7 - 10^8 MegOhm
- Bottom layer Resistivity: 10^4 - 10^5 MegOhm

Textured Mat Specifications

Textured ESD mats break surface reflections for improved visibility and increase surface grip when handling greasy or oily components. The chemical and heat resistance ESD rubber protects against hot soldering debris, abrasion, and is safe for cleaning with most solvents. Desktop ESD mats not only protect delicate components from static discharge but also minimize damage to parts or components during handling and production. As recommended by the worksurface standards of ESD/ANSI S4.1, the surface resistance measures greater than 1 x 10^6 ohms, but not more than 1 x 10^9 ohms.

- Thickness: 0.080" (2.0mm)
- Top layer Resistivity: 10^7 - 10^9 MegOhm
- Bottom layer Resistivity: 10^3 - 10^4 MegOhm