



## ESD FLOOR MAT SELECTION GUIDE

A static control mat provides a path to ground for charge on items placed on the mat. Electrically insulative items will not allow their charge to transfer to ground. ESD mats are an integral part of an ESD program.

### HOW TO TEST ESD MATS

RTG is the resistance from one point on the mats surface to the facility AC equipment ground, and is the fundamental electrical test for a mat. A proper RTG insures that a mat can conduct charge from a point on the surface to the facility ground. ANSI/ESD S-20.20 has an upper limit of  $<1 \times 10^9$  ohms.


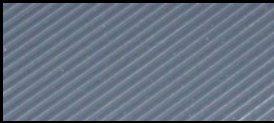



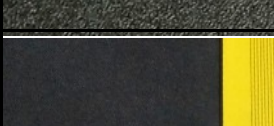
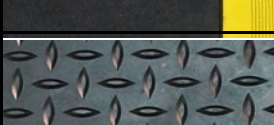

RTT is the resistance from one point on the mats surface to another point. A proper RTT insures the consistency of the mat resistance properties.

Measurements are made with a surface resistance meter such as the SRM310, SRM330, or SRM500K.

## Our Types of Mats

- VinylSTAT ANTI FATIGUE
- VinylSTAT FLOOR RUNNER
- ComfortDOME ANTI FATIGUE
- ComfortGEL ANTI FATIGUE
- VinylSTAT CHAIR MAT
- TileSTAT INTERLOCKING TILE
- ComfortTREAD ANTI FATIGUE
- GrooveSTAT FLOOR RUNNER
- PV Series INTERLOCKING TILE

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<b>ESD FLOOR MAT SERIES</b>	<b>MATERIAL CONSTRUCTION (Thickness)</b>	<b>RESISTANCE CLASSIFICATION (RTT in Ohms)</b>	<b>SURFACE</b>	<b>STYLE</b>	<b>APPLICATIONS</b>	<b>PHOTOS</b>
<b>VinylSTAT™ FM2 Series</b>	0.375" Vinyl	Dissipative $1 \times 10^9$ — $9 \times 10^{10} \Omega$	Tennis	Anti-Fatigue	Provides Comfort, Reduce Worker Fatigue, Available in Gray or Brown	
<b>VinylSTAT™ FM3 Series</b>	0.125" Vinyl	Dissipative $1^8$ — $9 \times 10^9 \Omega$	V-Groove	Floor Runner	Easy to Clean, Non-Slip, Superior Lay Flat Properties	
<b>ComfortDOME™ FM5 Series</b>	0.50" Rubber	Conductive $10^3$ — $10^5 \Omega$	Dome Plated	Anti-Fatigue	Anti-Fatigue, Slip Resistant, Available in Custom Mats or Interlocking Runners	
<b>ComfortGEL™ FM6 Series</b>	0.625" Foam	Dissipative $5.68 \times 10^7 \Omega$	Light Texture	Anti-Fatigue	Anti-Microbial, Water Resistant, Exceptional Comfort, Available in Black and Gray (limited)	
<b>VinylSTAT™ FM7 Series</b>	0.90" Vinyl	Conductive $10^3$ — $10^6 \Omega$	Light Texture	Floor Runner	Prevents Wear and Tear on Flooring. Perfect for Office Setting. Chair Mat or Floor Runner.	
<b>TileSTAT™ FM8 Series</b>	0.75" Rubber	Conductive $1 \times 10^4$ — $10^6 \Omega$	Light Texture	Interlocking Tile	Easy Assembly, Optional Yellow Border, Anti-Fatigue, Heavy Duty	
<b>ComfortTREAD™ FM9 Series</b>	0.50" Rubber	Conductive $10^3$ — $10^5 \Omega$	Diamond Plated	Anti-Fatigue	Diamond Plated for Superior Traction, Interlocking Sections, Beveled Edges	
<b>GrooveSTAT™ FM10 Series</b>	0.125" Rubber	Conductive $10^3$ — $10^5 \Omega$	V-Groove	Floor Runner	Non-Slip Surface, Easy to Clean, Available in Custom Mats or Full Rolls	
<b>PV Series Industrial Matting</b>	1" Vinyl	Dissipative $1 \times 10^5$ — $5 \times 10^8 \Omega$	Diamond Plated	Interlocking Tile	Low Compression, Firm, Tolerates Harsh Conditions, Optional Yellow Beveled Edges	