



ESD FLOOR MAT SELECTION GUIDE

HOW ESD FLOOR MATS WORK

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 mats ground point, 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 mat ground point. The guideline in ESD STM4.1 for RTG is 1×10^6 to 1×10^9 ohms. ANSI/ESD S20.20 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. The ESD STM4.1 guideline for RTT is $> 1 \times 10^6$ ohms.

Measurements are made with a surface resistance meter such as the 7100.SRM200.K, 7100.3000.MK or SRM500K.

Our Types of Mats

ANTI FATIGUE

FLOOR RUNNER

ComfortDOME ANTI FATIGUE


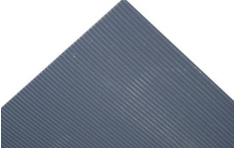

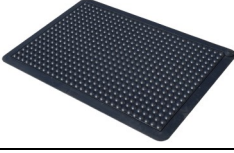



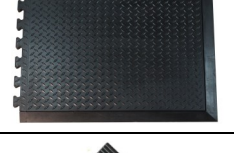
ComfortGEL ANTI FATIGUE

INTERLOCKING TILE

ComfortTREAD ANTI FATIGUE

GrooveSTAT FLOOR RUNNER

ESD FLOOR MAT SELECTION GUIDE

MAT SERIES	MATERIAL MAKE UP (THICKNESS)	RESISTANCE CLASSICATION (Point-to-Point)	STYLE	SPECIAL FEATURES	IMAGE
VinylSTAT™ FM2 Series	Vinyl 0.375"	Dissipative	Anti-Fatigue Floor Runner 2'x60', 3'x60' or 4'x60' Cut to Size Mats	Provides Comfort, Reduce Worker Fatigue, Available in Gray or Brown	
VinylSTAT™ FM3 Series	Vinyl 0.125"	Dissipative	V-Groove Floor Runner 3'x60' or 4'x60' Cut to Size Mats	Easy to Clean, Non-Slip, Superior Lay Flat Properties	
VinylSTAT™ FM4 Series	Vinyl 0.194"	Dissipative	Rigid Floor Runner 3'x50' or 4'x50' Cut to Size Mats	Rigid Solid Vinyl Floor Mat Ideal for Chairs or Heavy Duty Usage	
ComfortDOME™ FM5 Series	Rubber 0.50"	Conductive	Anti-Fatigue Beveled Mat Interlocking Mat 2'x3' or 3'x4' 3'x4' IC or EP	Anti-Fatigue, Slip Resistant, Available in Beveled Mats or Interlocking Runners	
ComfortGEL™ FM6 Series	Foam 0.625"	Dissipative	Anti-Fatigue Beveled Mat 20"x3' 2'x3' 3'x5'	Anti-Microbial, Water Resistant, Exceptional Comfort, Available in Black	
VinylSTAT™ FM7 Series	Vinyl 0.90"	Conductive	Rigid Floor Runner 3'x50' or 4'x50' Cut to Size Mats	Prevents Wear and Tear on Flooring, Available as Floor Runner. Perfect for an Office Setting	
TileSTAT™ FM8 Series	Rubber 0.75"	Conductive	Anti-Fatigue Interlocking Tile 3'x3'	Easy Assembly, Optional Yellow Border, Anti-Fatigue, Heavy Duty	
ComfortTREAD™ FM9 Series	Rubber 0.50"	Conductive	Anti-Fatigue Interlocking Mat 28"x30"	Diamond Plated for Superior Traction, Interlocking Sections, Beveled Edges	
GrooveSTAT™ FM10 Series	Rubber 0.125"	Conductive	V--Groove Floor Runner 3'x32' or 4'x32' Cut to Size Mats	Non-Slip Surface, Easy to Clean, Available in Custom Mats or Full Rolls	