

ESD Matting is designed to quickly drain static electricity from people to help protect sensitive equipment from damage.

ESD Matting is divided into three classifications:

- 1. Electrically Conductive** is rated 10^1 to 10^5 and accepts static electricity the quickest. This is the most often used ESD matting.
- 2. Static Dissipative** is rated 10^6 to 10^9 and is the middle range of ESD matting.
- 3. Anti-Static** is rated 10^{10} to 10^{12} and accepts static the slowest.

ESD Matting is rated in ohms, or the measure of resistance. The lower the resistance, the more quickly static is accepted by the matting, i.e., the lower the exponential, the more quickly static is accepted.



Electrically Conductive Mats	
DuraComfort	
Surface to Surface	
50% Relative Humidity 1.9×10^4 Ohms	12% Relative Humidity 2.0×10^4 Ohms
Hog Heaven®	
Surface to Surface	
50% Relative Humidity 2.6×10^5 Ohms	12% Relative Humidity 3.0×10^5 Ohms
Hog Heaven® Tiles	
Surface to Surface	
50% Relative Humidity 9.4×10^5 Ohms	12% Relative Humidity 9.3×10^5 Ohms
Hog Heaven® Drainable Tiles	
Surface to Surface	
50% Relative Humidity 9.4×10^5 Ohms	12% Relative Humidity 9.3×10^5 Ohms
Traction Tread	
Surface to Surface	
50% Relative Humidity 6.2×10^4 Ohms	12% Relative Humidity 1.5×10^5 Ohms

Static Dissipative Mats	
Comfort Flow™	
Surface to Surface	
50% Relative Humidity 2.0×10^9 Ohms	12% Relative Humidity 2.5×10^9 Ohms
Comfort Scrape™	
Surface to Surface	
50% Relative Humidity 2.0×10^9 Ohms	12% Relative Humidity 2.5×10^9 Ohms
Comfort Premier	
Surface to Surface	
50% Relative Humidity 3.3×10^9 Ohms	12% Relative Humidity 3.4×10^9 Ohms
Comfort Station Max	
Surface to Surface	
50% Relative Humidity 9.4×10^9 Ohms	12% Relative Humidity 9.3×10^9 Ohms

Accessories

Ground Cords are used to allow static electricity to pass more efficiently to a ground and provide a controlled path. Use the cord to connect all ESD floor mats to a building ground. The terminal can be connected to an electrical outlet using the screw in the outlet cover.



Heel Grounders are made for workers wearing rubber soles and other insulating shoes. They allow static electricity to pass around the shoe into the ESD matting. Fasten the Heel Grounder to the heel of the shoe with the Velcro and allow the fabric strip to touch the sock or skin for best performance.

