

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

Comfort Flow™ HD

Surface to Surface

50% Relative Humidity	12% Relative Humidity
4.6×10^4 Ohms	6.2×10^4 Ohms

Comfort Scape™ HD

Surface to Surface

50% Relative Humidity	12% Relative Humidity
4.6×10^4 Ohms	6.2×10^4 Ohms

Happy Feet®

Surface to Surface

50% Relative Humidity	12% Relative Humidity
1.9×10^4 Ohms	2.0×10^4 Ohms

Hog Heaven®

Surface to Surface

50% Relative Humidity	12% Relative Humidity
2.6×10^5 Ohms	3.0×10^5 Ohms

Hog Heaven III™ Comfort

Surface to Surface

50% Relative Humidity	12% Relative Humidity
9.4×10^5 Ohms	9.3×10^5 Ohms

Hog Heaven III™ Traffic

Surface to Surface

50% Relative Humidity	12% Relative Humidity
1.7×10^5 Ohms	2.0×10^5 Ohms

Traction Tread

Surface to Surface

50% Relative Humidity	12% Relative Humidity
6.2×10^4 Ohms	1.5×10^5 Ohms

Static Dissipative Mats

Comfort Flow™

Surface to Surface

50% Relative Humidity	12% Relative Humidity
2.0×10^9 Ohms	2.5×10^9 Ohms

Comfort Scape™

Surface to Surface

50% Relative Humidity	12% Relative Humidity
2.0×10^9 Ohms	2.5×10^9 Ohms

Complete Comfort™ II

Surface to Surface

50% Relative Humidity	12% Relative Humidity
3.3×10^9 Ohms	3.4×10^9 Ohms

Cushion Station™

Surface to Surface

50% Relative Humidity	12% Relative Humidity
3.9×10^9 Ohms	3.9×10^9 Ohms

Traction Tread Soft

Surface to Surface

50% Relative Humidity	12% Relative Humidity
6.0×10^9 Ohms	6.0×10^9 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.

