

3M™ Conductive Floor Mat for Hard Floors

Homogeneous conductive rubber construction of the Conductive Floor Mat for Hard Floors ensures rapid discharge from personnel wearing heel grounders. The low profile reduces trip hazards and is preferred for use with rolling carts or chairs. This mat is reversible and compatible with 3M™ Constant Monitors.

Specifications	Typical Value
Resistance to Ground point (RTG)*	$\leq 10^5$ ohms
Resistance Top to Top (RTT)*	$\leq 10^5$ ohms
Thickness	0.060 inches
Color	Black
Tolerances	Width $\pm .250$ " Length $\pm .250$ "

*Tested per ESD Association Standard ANSI/ESD S7.1-2007

*Color and appearance of mats may vary by lot.

*Meets the requirements of ANSI/ESD S7.1, 20-20-2007



Part Numbers

Mats	Includes mat, two snaps, installed
48x72 inches	COND4872FM
<i>Call for custom sizes.</i>	
Mat Kits	Includes mat, two snaps, installed and a 15 foot ground cord
36x60 inches	COND3660FM-F
48x72 inches	COND4872FM-F
<i>Call for custom sizes.</i>	
Rolls	Includes roll of matting material
2x50 feet	COND24600FM
3x50 feet	COND36600FM
4x50 feet	COND48600FM

RTG is the resistance from one point on the mat's surface to the mat's 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. ANSI/ESD S-20.20 has an upper limit of $<1 \times 10^9$ ohms.

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

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78-9102-1564-5 JHA