

**Model SCMAT3**  
**Static Free Floor Mat, Conductive, w/ Grounding Kit****Features**

- Conductive PVC Floor Matting with Grounding Kit
- Provides a flooring surface that does not generate a static charge and will act as part of the path to ground for an operator wearing ESD footwear
- The resistance range of the surface layer remains low enough to act as a path to ground with the normal build up of dirt and grime on the mat
- Lays flat, where edges will not curl
- Designed for use in high traffic areas and good for use under chairs and carts
- Works with ESD floor tiles and ESD floor finishes
- Use to protect and minimize maintenance of ESD flooring tiles and finish
- Dimensions: 36 x 48 x 0.080 inch
- Complies to ANSI/ESD S20.20

**Electrical Properties**

Resistance to Top (RTT)

Resistance to Ground (RTG)

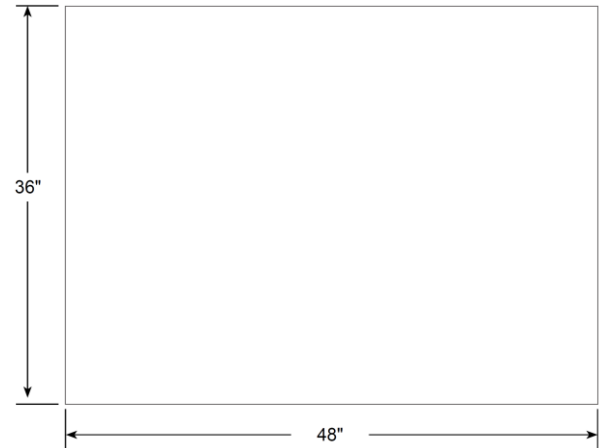
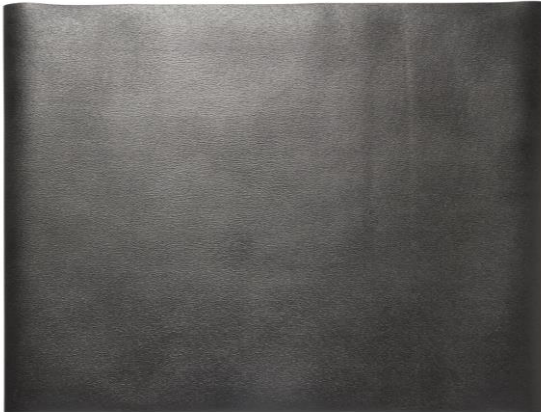
**Typical Values**< 1 x 10<sup>6</sup> ohms< 1 x 10<sup>6</sup> ohms**Test Procedures/Methods**

ANSI/ESD STM7.1 and ESD TR53

ANSI/ESD STM7.1 and ESD TR53

**USA:** Sales: 800-490-2361  
Technical Support: [technicalsupport@pomonatest.com](mailto:technicalsupport@pomonatest.com)  
**Europe:** 31-(0) 40 2675 150 **International:** 425-446-5500  
**Where to Buy:** [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.005" (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

**Model SCMAT3**  
**Static Free Floor Mat, Conductive, w/ Grounding Kit****Physical Properties**

Construction:	Conductive Polyvinyl Chloride
Thickness:	0.080"
Color:	Black
Texture:	Pebble Embossed Surface (one side)
Tensile Strength (lb/in <sup>2</sup> ):	450 minimum
Tear Strength (lb/in):	75 minimum
Coefficient of Friction:	0.36
Durometer Hardness:	Shore "A" 80 ±5

**Other Properties**

Chemical Resistance: Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

Flammability: Passes FMV302

**Grounding & Cleaning**

If the material is used on top of an already properly grounded surface, grounding hardware may not be necessary. Where no properly grounded surface is available, grounding hardware is required to provide a path-to-ground. RTG compliance verification measurements must be made as outlined in ESD TR53 with a surface resistance meter.

**Ordering Information**

Model: SCMAT3  
STATIC FREE FLOOR MAT, CONDUCTIVE, BLACK, 0.080 X 36 X 48 INCH, W/GRD KIT

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