

# 3M™ Vinyl Table Mat

## Premium Vinyl Table Mat

A long time industry favorite, this three layer vinyl material provides excellent electrical properties. The top layer is tough, easy to clean, dissipative vinyl. The center layer, a highly conductive metal scrim, moves the charge from the surface to ground quickly. The bottom layer is a durable, non-skid, cushion of dissipative foam. Compatible with Constant Monitors. Available in rolls, mats, and mats with ground cord.

### Standards

Meets the requirements of ESD Standard 4.1, ESD Standard 20.20, EIA 625, MILI-HDBK-263, and MIL-STD-1686.

### Specifications

Resistance to Ground point (RTG)  $10^7$  ohms  
 Resistance Top to Top (RTT)  $10^7$  ohms  
 Thickness: 0.125 inches  
 Colors: Blue and Gray

### Part Numbers

Mats	Includes mat, two snaps, installed.	
SIZE	BLUE P/N	GRAY P/N
24x36 inches	TM2436L3BL	TM2436L3GR
24x48 inches	TM2448L3BL	TM2448L3GR

**Call for custom sizes.**

Mat Kits	Includes mat, two snaps, installed, and a 15 foot ground cord.	
SIZE	BLUE P/N	GRAY P/N
24x36 inches	TM2436L3BL-L	TM2436L3GR-L
24x48 inches	TM2448L3BL-L	TM2448L3GR-L

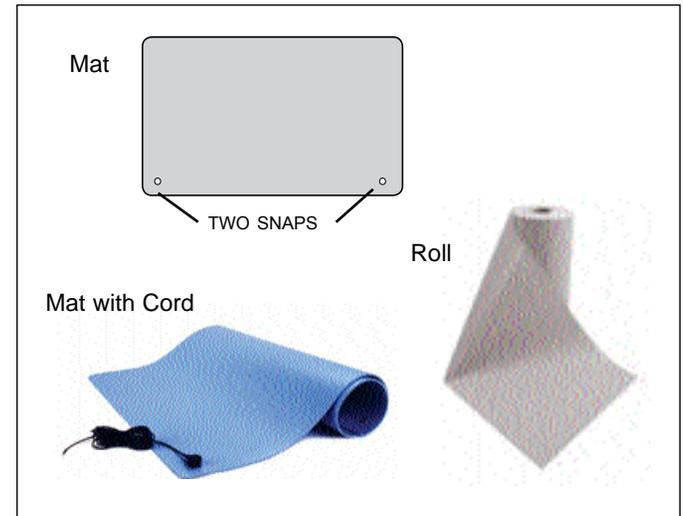
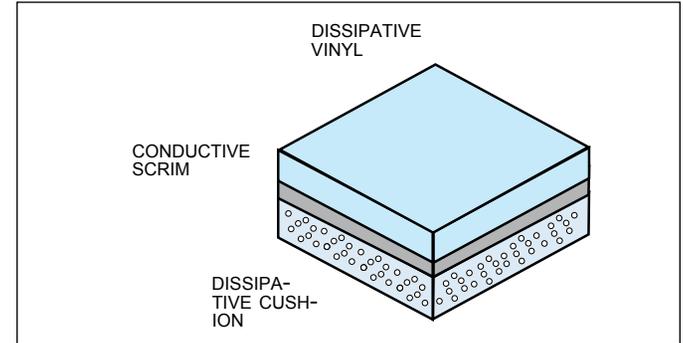
**Call for custom sizes.**

Rolls	Includes roll of matting material.	
SIZE	BLUE P/N	GRAY P/N
2x100 feet	TM241200L3BL	TM241200L3GR
3x100 feet	TM361200L3BL	TM361200L3GR
30"x100 feet	TM301200L3BL	TM301200L3GR
4x100 feet	TM481200L3BL	TM481200L3GR

See 3M Data Sheets for these related items:

3M™ Ground Cords
3M™ Snaps
3M™ Snap Tool

Distributed by:  
**All-Spec Industries**  
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### R - T - G?

**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. The guideline in ESD STM-4.1 for RTG is  $1 \times 10^6$  to  $1 \times 10^9$  ohms. 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. The ESD STM-4.1 guideline for RTT is  $> 1 \times 10^6$  ohms.

## P R O D U C T D A T A S H E E T

### Mat - Premium Vinyl- THREE LAYER

PRODUCT	ITEM NUMBER	DATASHEET
THREE LAYER VINYL MAT	SEE ABOVE	1133-A

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