

3M™ Rubber Table Mat Ultra-R2

Ultra-R2 Rubber Table Mat

Excellent resistance to solvents, hot solder, and soldering irons makes the Ultra-R2 mats the ultimate static safe work surface. Excellent electrical performance is assured by using a two layer combination of static dissipative and conductive rubber materials. Ultra-R2 mats combine the low contact resistance and convenience of soft mats, with the conductivity and durability of hard laminates. 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) 10^6 ohms
 Resistance Top to Top (RTT) 10^7 ohms
 Thickness: 0.060 inches
 Colors: Blue / Black and Gray / Black

Part Numbers

Mats Includes mat, two snaps, installed.

SIZE	BLUE P/N	GRAY P/N
24x36 inches	RM2436L2RBL	RM2436L2RGR
24x48 inches	RM2448L2RBL	RM2448L2RGR

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	RM2436L2RBL-L	RM2436L2RGR-L
24x48 inches	RM2448L2RBL-L	RM2448L2RGR-L

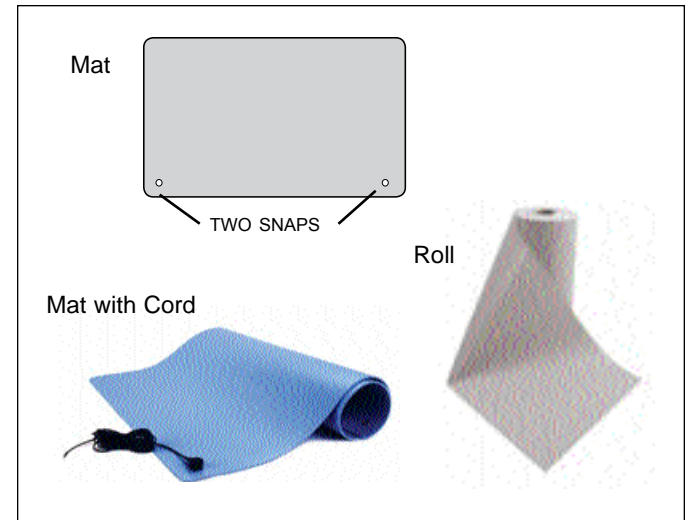
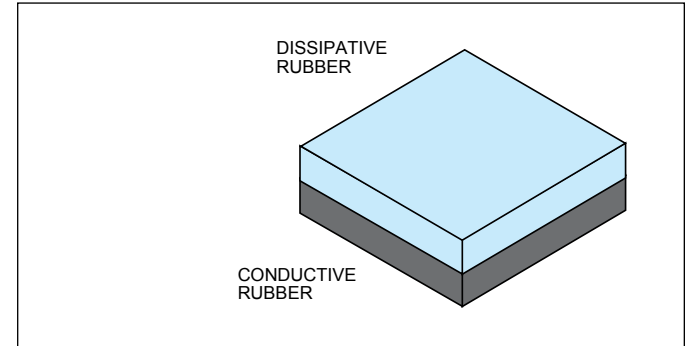
Call for custom sizes.

Rolls Includes roll of matting material.

SIZE	BLUE P/N	GRAY P/N
2x50 feet	RM24600L2RBL	RM24600L2RGR
3x50 feet	RM36600L2RBL	RM36600L2RGR
30"x50 feet	RM30600L2RBL	RM30600L2RGR
4x50 feet	RM48600L2RBL	RM48600L2RGR

See 3M Data Sheets for these related items:

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



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 1×10^6 to 1×10^9 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 - Ultra-R2 Rubber - TWO LAYER

PRODUCT
TWO LAYER RUBBER MAT

ITEM NUMBER
SEE ABOVE

DATASHEET
1132-A

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