

RM(W"L")L2R

UltraR2 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 (R_{TG}) 10⁶ ohms
Resistance Top to Top (R_{TT}) 10⁷ 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.

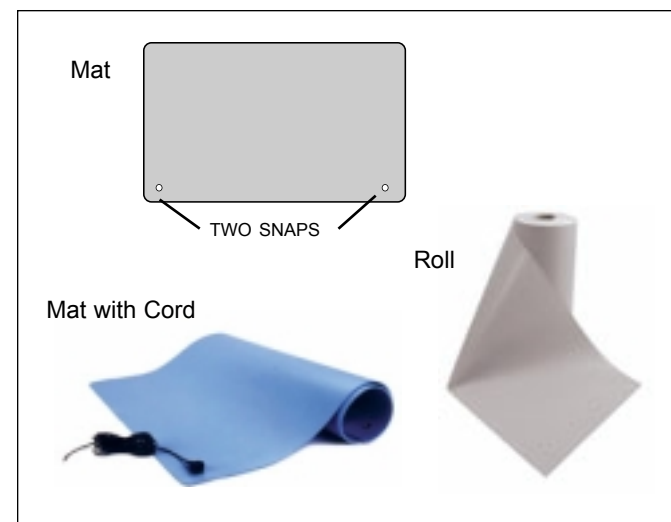
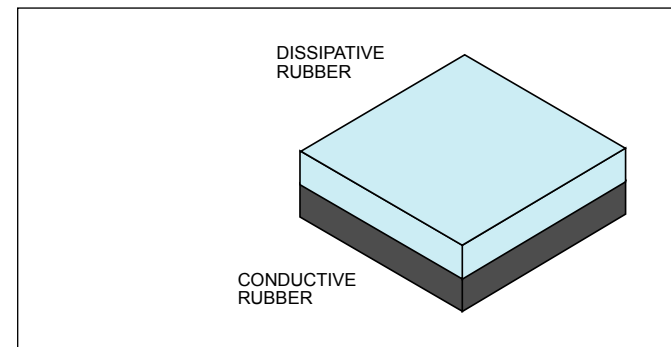
Rolls	Includes roll of matting material.	
SIZE	BLUE P/N	GRAY P/N
2x50 feet	RM24600L2RBL	RM24600L2RGR
3x50 feet	RM36600L2RBL	RM36600L2RGR
30"x50 feet	RM30600L2RBL	RM30600L2RGR
4x50 feet	RM48600L2RBL	RM48600L2RGR

See SCC Data Sheets for these
related items:

Ground Cords

Snaps

Snap Tool



R - T - G?

R_{TG} 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 R_{TG} 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 R_{TG} is 1x10⁶ to 1x10⁹ ohms. ANSI/ESD S-20.20 has an upper limit of <1 x10⁹ ohms.

R_{TT} is the resistance from one point on the mat's surface to another point. A proper R_{TT} insures the consistency of the mat's resistance properties. The ESD STM-4.1 guideline for R_{TT} is >1x10⁶ ohms.

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

Mat - UltraR2 Rubber - TWO LAYER

PRODUCT

TWO LAYER RUBBER MAT

ITEM NUMBER

SEE ABOVE

DATASHEET

1132-A



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ESD PRODUCTS DIVISION

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