

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 (R_{TG}) 10^6 ohms
Resistance Top to Top (R_{TT}) 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

Distributed by:

All-Spec Industries

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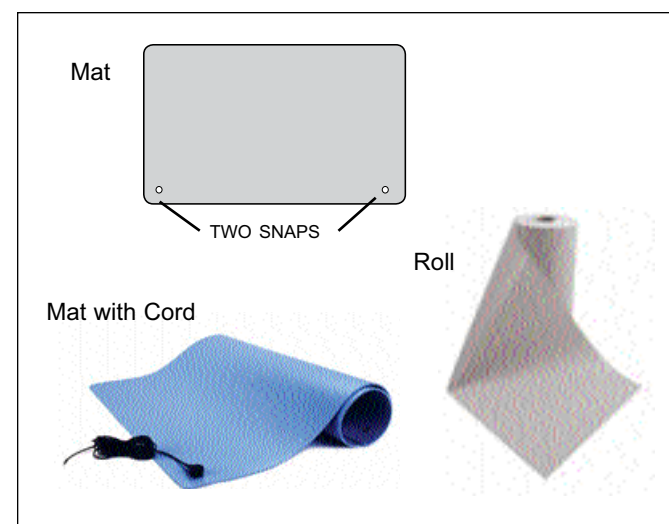
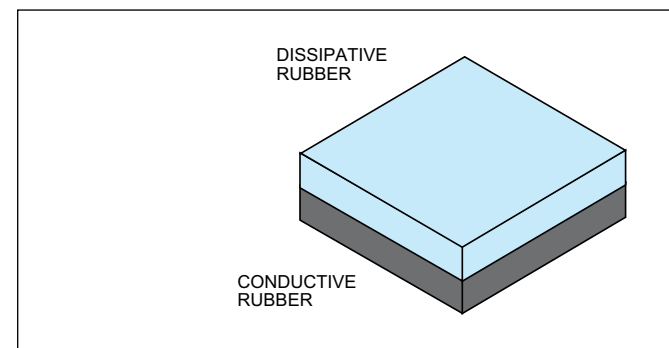
Web: www.all-spec.com

See 3M Data Sheets for these related items:

3M™ Ground Cords

3M™ Snaps

3M™ 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 1×10^6 to 1×10^9 ohms. ANSI/ESD S-20.20 has an upper limit of $<1 \times 10^9$ 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 $>1 \times 10^6$ ohms.

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

Mat - Ultra-R2 Rubber - TWO LAYER

PRODUCT	ITEM NUMBER	DATASHEET
TWO LAYER RUBBER MAT	SEE ABOVE	1132-A

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