

Product Data Sheet

3M™ Rubber Table Mat Ultra-R2

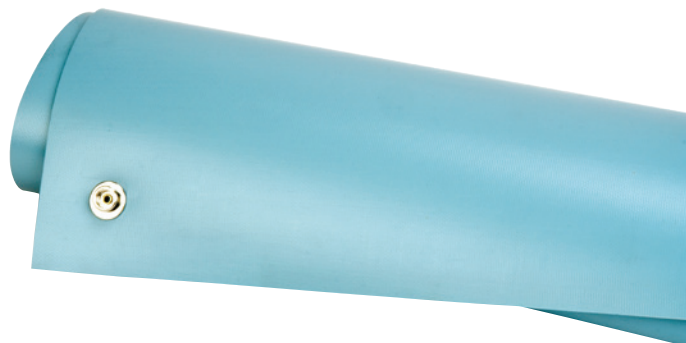
Resistance to solvents, hot solder and soldering irons makes the Rubber Table Mat Ultra-R2 a versatile static safe work surface. Electrical performance is assured by using a two-layer combination of static dissipative and conductive rubber materials. Compatible with 3M™ Constant Monitors. Available in rolls, mats and mats with ground cord.

Specifications	Typical Value
Resistance to Ground point (RTG)*	3 x 10 ⁷ ohms
Resistance Top to Top (RTT)*	3 x 10 ⁷ ohms
Thickness	0.064 inches
Color	Blue / Black and Gray / Black
Tolerances	Width ± .250" Length ± .250"

*Tested per ESD Association Standard ANSI/ESD S4.1

*Color and appearance of mats may vary by lot.

*Meets the requirements of ANSI/ESD S4.1, 20.20-2014



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	
24x36 inches	RM2436L2RBL-L	RM2436L2RGR-L
24x48 inches	RM2448L2RBL-L	RM2448L2RGR-L

Call for custom sizes.

Rolls	Includes roll of matting material	
2x50 feet	RM24600L2RBL	RM24600L2RGR
3x50 feet	RM36600L2RBL	RM36600L2RGR
30"x50 feet	RM30600L2RBL	RM30600L2RGR
4x50 feet	RM48600L2RBL	RM48600L2RGR

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 1x10⁶ to 1x10⁹ ohms. ANSI/ESD S-20.20-2007 has an upper limit of <1x10⁹ 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 >1x10⁶ ohms.



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Electronics Materials Solutions Division Static Control Products

926 JR Industrial Drive
Sanford, NC 27332-9733
Toll-Free: 866-722-3736
International: 919-718-0000
Email: 3mstaticinfo@mmm.com
www.3Mstatic.com

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Components Supply Platform

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Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com