

R3 Dissipative Rubber Worksurface Mat

Meets ANSI/ESD S20.20 worksurface required limit (and recommendation of ANSI/ESD STM4.1-2017) tested per ANSI/ESD STM4.1-2017 and ESD TR53. Resistance to solvents, hot solder and soldering irons makes the R3 Dissipative Rubber Worksurface Mat a versatile static-safe worksurface. Electrical performance is accomplished by using a two-layer rubber combination of a static dissipative colored top with a conductive black bottom. Compatible with Continuous Workstation Monitors. Available in rolls, tray liners, and mat kits.



Mat Kits are laser engraved for branding and auditing purposes.

Grounding: This material must be properly grounded for optimum electrical performance. See [Grounding Cords](#).

Cleaning: For optimum electrical performance, surface must be cleaned regularly using a recommended ESD mat cleaner. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

*Color, texture and thickness may vary between lots and mills. Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to condition for at least 4 hours before cutting to size. Always using care, trim with a sharp knife or razor blade.

Specifications and procedures subject to change without notice.

Properties	Typical Value	Test Method
Thickness*	0.060" to 0.070" (1.5 mm to 1.8 mm)	
Color*	Light Blue/Black Dark Blue/Black Gray/Black Green/Black	
Corner Radius	3/4" (Tray Liners only)	
Resistances		
Surface to Ground (Rtg)	1 x 10 ⁶ to < 1 x 10 ⁹ ohms	ANSI/ESD STM4.1-2017, ESD TR53
Surface to Surface (Rtt)	1 x 10 ⁶ to < 1 x 10 ⁹ ohms	ANSI/ESD STM4.1-2017, ESD TR53
Hardness	65 ± 5 Shore "A"	ASTM-D2240
Tolerance		
Mat Kit	Width +/- 0.250" (6.3 mm) Length +/- 1" (25.4 mm)	
Rolls	Width +/- 0.250" (6.3 mm) Length +/- 2" (50.8 mm)	

Mat Kits Item Numbers

Size	Light Blue	Gray	Green
24" x 48" (0.6 m x 1.2 m)	770074	770090	770085

Table Mat Kits include:

- 1 Table Mat, size as specified
- 1 [LPCGC151M](#) 15' (4.6 m) Ground Cord
- 2 [3049](#) Snap Kit

Mat Roll Item Numbers

Size	Light Blue	Dark Blue	Gray	Green
18" x 50' (0.45 m x 15.2 m)		770078		770077
24" x 50' (0.6 m x 15.2 m)	770070	770091	770086	770081
30" x 50' (0.8 m x 15.2 m)	770071	770092	770087	770082
36" x 50' (0.9 m x 15.2 m)	770072	770093	770088	770083
48" x 50' (1.2 m x 15.2 m)	770073		770089	770084

Includes roll of matting material.

Tray Liner Item Numbers

Size	Light Blue	Dark Blue	Gray	Green
16" x 24" (0.4 m x 0.6 m)	770096	770097	770098	770099

Includes matting material only.



Made in the United States of America

R3 DISSIPATIVE RUBBER WORKSURFACE MAT

926 JR Industrial Drive, Sanford, NC 27332
 WEB SITE: [StaticControl.com](#)
 PHONE: EAST (919) 718-0000 | WEST: (909) 627-9634

DRAWING NUMBER
R3 Series

DATE
April 2019

