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.

Light Blue
Dark Blue
Gray
Green

Mat Kits are laser engraved for branding and auditing purposes.

RoHS, REACH, and Conflict Minerals Statement
See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
DescoIndustries.com/ROHS3.aspx
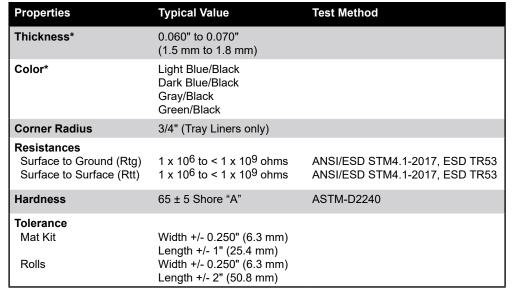
See the SCS Limited Warranty:
StaticControl.DescoIndustries.com/Limited-Warranty.aspx

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)	1×10^6 to $< 1 \times 10^9$ ohms	ANSI/ESD STM4.1-2017, ESD TR53
Surface to Surface (Rtt)	1×10^6 to $< 1 \times 10^9$ 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

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DRAWING NUMBER
R3 Series

DATE
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