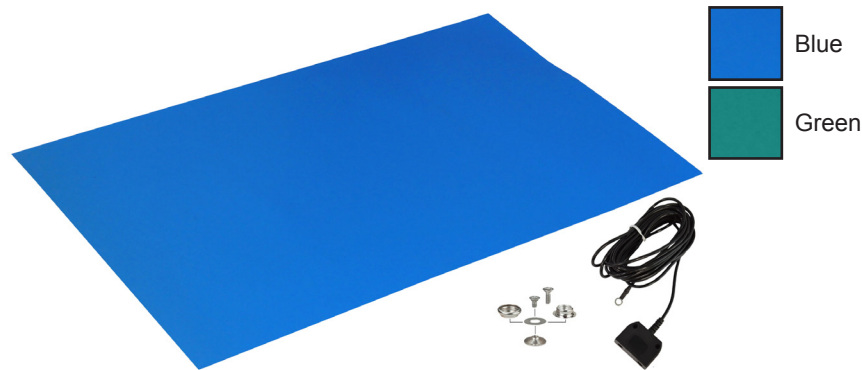


R1 Dissipative Rubber Worksurface Mat

Meets ANSI/ESD S20.20 worksurface required limit tested per ANSI/ESD STM4.1-2017 and ESD TR53. Resistance to solvents, hot solder and soldering irons makes the R1 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. Available in rolls, tray liners, and mat kits.



RoHS, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement: [DescoIndustries.com/ROHS3.aspx](https://www.DescoIndustries.com/ROHS3.aspx)

See the SCS Limited Warranty:

[StaticControl.DescoIndustries.com/Limited-Warranty.aspx](https://www.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*	0.08" (2.0 mm)	
Color*	Blue/Black Green/Black	
Tensile Strength	500 PSI	ASTM D882
Elongation @ Break	300%	ASTM D-412
Decay Time	0.05 seconds	FTMS 101C 5,000V to 50V Method 4046C
Corner Radius	3/4" (Tray Liners only)	
Resistances		
Surface to Ground (Rtg)	< 1 x 10 ⁹ ohms	ANSI/ESD STM4.1-2017, ESD TR53
Surface to Surface (Rtt)	< 1 x 10 ⁹ ohms	ANSI/ESD STM4.1-2017, ESD TR53
Hardness	60 ± 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	Blue	Green
24" x 48" (0.6 m x 1.2 m)	770202	770207

Table Mat Kits include:

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

Tray Liner Item Numbers

Size	Blue	Green
16" x 24" (0.4 m x 0.6 m)	770203	770208

Includes matting material only.

Mat Roll Item Numbers

Size	Blue	Green
30" x 50' (0.8 m x 15.2 m)	770200	770205
36" x 50' (0.9 m x 15.2 m)	770201	770206

Includes roll of matting material.

Tray Liner W/ Adhesive Tape Item Numbers

Size	Blue	Green
16" x 24" (0.4 m x 0.6 m)	770204	770209

Includes matting material only.



R1 DISSIPATIVE RUBBER WORKSURFACE MAT

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**DRAWING
NUMBER**
R1 Series

DATE
June
2023

SCS