

# R3 Dissipative Rubber Worksurface Mat

Meets ANSI/ESD S20.20 worksurface required limit (and recommendation of ANSI/ESD STM4.1) tested per ANSI/ESD STM4.1 and ESD TR53. Resistance to solvents, hot solder and soldering irons makes the R3 Dissipative Rubber Worksurface Mat<sup>1</sup> 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.



## SCS Regulatory Statement

See the SCS Regulatory Statement:  
<https://staticcontrol.descoindustries.com/pdf/Regulatory-Statement-Desco-Industries.pdf>

See the SCS Limited Warranty:  
[StaticControl.DescoIndustries.com/Limited-Warranty.aspx](https://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.

<sup>1</sup>Rubber material is vulcanized and may contain sulfur

\*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)	$1 \times 10^6$ to $< 1 \times 10^9$ ohms	ANSI/ESD STM4.1, ESD TR53
Surface to Surface (Rtt)	$1 \times 10^6$ to $< 1 \times 10^9$ ohms	ANSI/ESD STM4.1, ESD TR53
Hardness	65 $\pm$ 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)	<a href="#">770074</a>	<a href="#">770090</a>	<a href="#">770085</a>

### 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)		<a href="#">770078</a>		<a href="#">770077</a>
24" x 50' (0.6 m x 15.2 m)	<a href="#">770070</a>	<a href="#">770091</a>	<a href="#">770086</a>	<a href="#">770081</a>
30" x 50' (0.8 m x 15.2 m)	<a href="#">770071</a>	<a href="#">770092</a>	<a href="#">770087</a>	<a href="#">770082</a>
36" x 50' (0.9 m x 15.2 m)	<a href="#">770072</a>	<a href="#">770093</a>	<a href="#">770088</a>	<a href="#">770083</a>
48" x 50' (1.2 m x 15.2 m)	<a href="#">770073</a>		<a href="#">770089</a>	<a href="#">770084</a>

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)	<a href="#">770096</a>	<a href="#">770097</a>	<a href="#">770098</a>	<a href="#">770099</a>

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**  
January  
2025

# SCS

# Mouser Electronics

Authorized Distributor

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