

R3 Dissipative Rubber Worksurface Mat



Made in the United States of America

Meets ANSI/ESD S20.20 worksurface required limit (and recommendation of ANSI/ESD S4.1) tested per ANSI/ESD S4.1 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 and mat kits.



Mat Kits are laser engraved for branding and auditing purposes.

| Properties | Typical Value | Test Method |
|--------------------------|--|-------------------------|
| Thickness* | 0.063" (1.6 mm) ±0.005" | |
| Color* | Green/Black Light Blue/Black Gray/Black Dark Blue/Black | |
| Resistances | | |
| Surface to Ground (Rtg) | 1 x 10 ⁶ to < 1 x 10 ⁹ ohms | ANSI/ESD S4.1, ESD TR53 |
| Surface to Surface (Rtt) | 1 x 10 ⁶ to < 1 x 10 ⁹ ohms | ANSI/ESD S4.1, ESD TR53 |
| Hardness | 65 ± 5 Shore "A" | ASTM-D2240 |
| Tolerance | | |
| Mat Kit | Width +/- 0.250" Length +/- 1" | |
| Rolls | Width +/- 0.250" Length +/- 2" | |

*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.

Table Mat Kit Item Numbers

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

Table Mat Kit Includes:

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

Roll Item Numbers

| Size | Light Blue | Gray | Green | Dark Blue |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|
| 2' x 50' (0.6 m x 15.2 m) | 770070 | 770086 | 770081 | 770091 |
| 2.5' x 50' (0.8 m x 15.2 m) | 770071 | 770087 | 770082 | 770092 |
| 3' x 50' (0.9 m x 15.2 m) | 770072 | 770088 | 770083 | 770093 |
| 4' x 50' (1.2 m x 15.2 m) | 770073 | 770089 | 770084 | |

Includes roll of matting material.

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.

Specifications and procedures subject to change without notice.

R3 DISSIPATIVE RUBBER WORKSURFACE MAT

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

DRAWING NUMBER
R3 Series

DATE
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