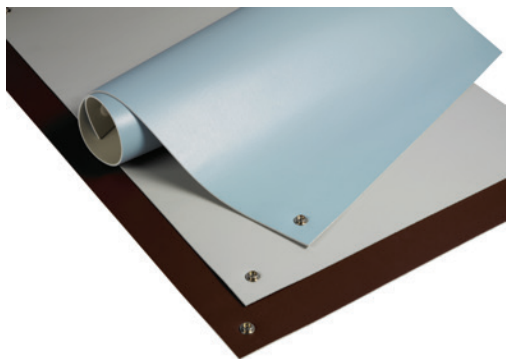


## 3M™ Dissipative Vinyl Three-Layer Mats and Rolls 8200 Series

### Premium Performance

Dissipative Vinyl Three-Layer Mats and Rolls 8200 Series are soft table and floor mats with a three-layer construction. The top layer is durable static dissipative vinyl, which has sufficiently low resistance to discharge static-laden conductors, yet will help prevent the shorting of pins on the backs of printed circuit boards laid on the mat. The middle layer is a highly-conductive scrim that provides the main discharge path to ground, and the bottom layer is static-dissipative foam, providing a durable nonskid cushion. Non-standard sizes are available on a custom order basis. Compatible with 3M™ Constant Monitors.



| Properties               | Typical Value  |
|--------------------------|--|
| Material                 | Top layer - Static Dissipative Vinyl<br>Middle layer - Highly-conductive Scrim<br>Bottom layer - Static Dissipative Foam |
| Thickness                | 0.140 in (3.5 mm)  |
| Hardness (top)           | 78 Shore A   |
| *Resistance              |  |
| Surface to Ground (RTG)  | 4 x 10 <sup>7</sup> ohms   |
| Surface to Surface (RTT) | 9 x 10 <sup>7</sup> ohms   |
| Tolerances               | Width +/- .250"<br>Length +/- .250"  |

### Product Kits

| Product No.   | Description       | Size (ft.) | (m)       |
|---|-------------------|------------|-----------|
| Includes one 15 ft. (4.6 m) 3M™ Ground Cord 3040 and two 3M™ Snap Fasteners 3050, installed |                   |            |           |
| 8201  | Floor Mat, Brown  | 4 x 6      | 1.2 x 1.8 |
| 8203  | Floor Mat, Gray   | 4 x 6      | 1.2 x 1.8 |
| 8204  | Floor Mat, Blue   | 4 x 6      | 1.2 x 1.8 |
| Includes two 15 ft. (4.6 m) Ground Cords 3040 and two Snap Fasteners 3050, not installed    |                   |            |           |
| 8251  | Floor Roll, Brown | 4 x 24     | 1.2 x 7.3 |
| 8253  | Floor Roll, Gray  | 4 x 24     | 1.2 x 7.3 |
| 8254  | Floor Roll, Blue  | 4 x 24     | 1.2 x 7.3 |
| Includes one 3M™ Wrist Strap Grounding System 3048 and two Snap Fasteners 3050, installed   |                   |            |           |
| 8211  | Table Mat, Brown  | 2 x 4      | 0.6 x 1.2 |
| 8213  | Table Mat, Gray   | 2 x 4      | 0.6 x 1.2 |
| 8214  | Table Mat, Blue   | 2 x 4      | 0.6 x 1.2 |
| 8221  | Table Mat, Brown  | 2 x 3      | 0.6 x 0.9 |
| 8223  | Table Mat, Gray   | 2 x 3      | 0.6 x 0.9 |
| 8224  | Table Mat, Blue   | 2 x 3      | 0.6 x 0.9 |
| Includes two 15 ft. (4.6 m) Ground Cords 3040 and two Snap Fasteners 3050, not installed    |                   |            |           |
| 8261  | Table Roll, Brown | 2 x 24     | 0.6 x 7.3 |
| 8263  | Table Roll, Gray  | 2 x 24     | 0.6 x 7.3 |
| 8264  | Table Roll, Blue  | 2 x 24     | 0.6 x 7.3 |

\*Tested per ESD Association Standard ANSI/ESD S4.1.

\*Color and appearance of mats may vary by lot.

\*\*Material might have slight color and texture variance between lots

\*\*\*Mat Rolls rolls need to be unrolled before being cut. When rolled some shrinkage may occur. Please allow time for mat to relax at room temperature 24-48 hours prior to cutting.

Roll Width Tolerance: +/- .25 inches

Cut mats have a tolerance of +/- .25 inches on width and length.

## 3M™ Dissipative Vinyl Three-Layer Mats and Rolls 8200 Series

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### Product Kits (continued)

| Product No.                                     | Description       | Size (ft.) | (m)        |
|---|-------------------|------------|------------|
| These mats do not come with additional hardware |                   |            |            |
| 8231  | Table Roll, Brown | 2 x 50     | 0.6 x 15.2 |
| 8233  | Table Roll, Gray  | 2 x 50     | 0.6 x 15.2 |
| 8234  | Table Roll, Blue  | 2 x 50     | 0.6 x 15.2 |
| 8241  | Table Roll, Brown | 2.5 x 50   | 0.8 x 15.2 |
| 8243  | Table Roll, Gray  | 2.5 x 50   | 0.8 x 15.2 |
| 8244  | Table Roll, Blue  | 2.5 x 50   | 0.8 x 15.2 |
| 8271  | Table Roll, Brown | 3 x 50     | 0.9 x 15.2 |
| 8273  | Table Roll, Gray  | 3 x 50     | 0.9 x 15.2 |
| 8274  | Table Roll, Blue  | 3 x 50     | 0.9 x 15.2 |
| 82A1  | Floor Roll, Brown | 4 x 50     | 1.2 x 15.2 |
| 82A3  | Floor Roll, Gray  | 4 x 50     | 1.2 x 15.2 |
| 82A4  | Floor Roll, Blue  | 4 x 50     | 1.2 x 15.2 |
| 8281  | Table Roll, Brown | 2 x 40     | 0.6 x 12.2 |
| 8283  | Table Roll, Gray  | 2 x 40     | 0.6 x 12.2 |
| 8284  | Table Roll, Blue  | 2 x 40     | 0.6 x 12.2 |
| 8291  | Floor Roll, Brown | 4 x 40     | 1.2 x 12.2 |
| 8293  | Floor Roll, Gray  | 4 x 40     | 1.2 x 12.2 |
| 8294  | Floor Roll, Blue  | 4 x 40     | 1.2 x 12.2 |