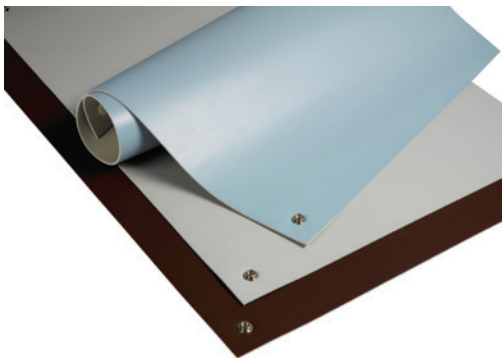


3M™ Dissipative Vinyl Three-Layer Mats and Rolls 8200 Series

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 Middle layer - Highly-conductive Scrim 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 ⁷ ohms
Surface to Surface (RTT)	9 x 10 ⁷ ohms
Tolerances	Width +/- .250" 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.



Product Data Sheet

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

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