



# Static Control Workstation Solutions

## Dissipative Vinyl Three-Layer Mats and Runners

3M™ Mats and Runners 8200 Series are soft table and floor mats with a unique three-layer construction. The top layer is durable static dissipative vinyl, which has sufficiently low resistance to discharge static-laden conductors, yet will 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. Nonstandard sizes are available on a custom order basis.

### Floor Mats 8200 Series

Includes one 15 ft. (4,6 m) 3M™ Ground Cord 3040 and two 3M™ Snap Fasteners 3050 (installed).

### Floor Runners 8250 Series

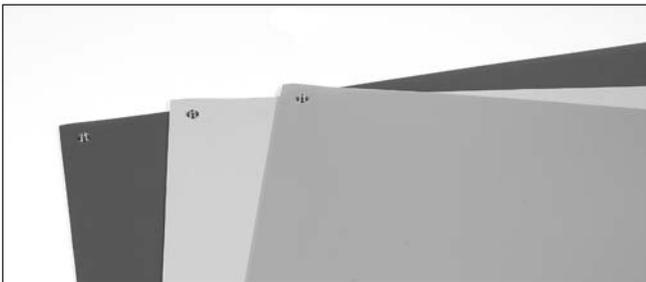
Includes two 15 ft. (4,6 m) 3M Ground Cords 3040 and two 3M Snap Fasteners 3050 to be installed by customer.

### Table Mats 8210 Series

Includes two 3M Snap Fasteners 3050 (installed) and one 3M™ Wrist Strap Grounding System 3048. Wrist Straps must be ordered separately.

### Table Runners 8260 Series

Includes two 15 ft. (4,6 m) 3M Ground Cords 3040 and two 3M Snap Fasteners 3050 to be installed by user.



Mats and Runners 8200 Series

### Properties

Property	Typical Value
Material	Top and Bottom Layers - Vinyl
Thickness	0.138 in. (3,5 mm)
Hardness	40 - 50 Shore A
*Resistance	
(Surface to Ground)	$1 \times 10^7 \Omega$
(Surface to Surface)	$4 \times 10^7 \Omega$

\* Tested per ESD Association Standard S4.1 at 72°F, 50% RH using 3M Test Kit 701 for Static Control Surfaces (Megohmmeter)

Note: Non-standard sizes available on custom order basis up to 50 ft. maximum length

Product No.	Description	Size, ft. (m)
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)
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)
8251	Floor Runner, Brown.	4 x 24 (1,2 x 7,2)
8253	Floor Runner, Gray.	4 x 24 (1,2 x 7,2)
8254	Floor Runner, Blue.	4 x 24 (1,2 x 7,2)
8261	Table Runner, Brown.	2 x 24 (0,6 x 7,2)
8263	Table Runner, Gray.	2 x 24 (0,6 x 7,2)
8264	Table Runner, Blue.	2 x 24 (0,6 x 7,2)
8281	Floor Runner, Brown.	2 x 40 (0,6 x 12,2)
8283	Floor Runner, Gray.	2 x 40 (0,6 x 12,2)
8284	Floor Runner, Blue.	2 x 40 (0,6 x 12,2)
8291	Floor Runner, Brown.	4 x 40 (1,2 x 12,2)
8293	Floor Runner, Gray.	4 x 40 (1,2 x 12,2)
8294	Floor Runner, Blue.	4 x 40 (1,2 x 12,2)



## Product Referral Generator

- Cleaner 8001 for Static Control Mats..... pg. 24, 30
- Shoe Straps ..... pg. 6-7
- Wrist Straps..... pg. 2-5, 16-17



## Dissipative Rubber Mats and Runners

3M™ Static Dissipative Rubber Mats and Runners 8800 Series consist of a top layer of static dissipative rubber laminated to a bottom layer of conductive rubber. Both layers are made from vulcanized synthetic rubber, which offers excellent resistance to oil, grease and most common solvents. They offer superior resistance to heat and hot solder as compared to vinyl or olefinic materials. Non-standard sizes are available on a custom order basis.

### Floor Mats 8870 Series

Dissipative floor mats include one 15 ft. (4,6 m) 3M™ Ground Cord 3040 and two 3M™ Snap Fasteners 3034 (installed).

### Floor Runners 8880 Series

Dissipative floor runners include two 15 ft. (4,6 m) 3M Ground Cords 3040 and five 3M Snap Fasteners 3034 to be installed by user.

### Table Mats 8810/8820/8830 Series

Dissipative table mats include two 3M Snap Fasteners 3034 (installed) and one 3M™ Wrist Strap Grounding System 3048.

### 8840/8850/8860 Series

Dissipative table runners include two 15 ft. (4,6 m) 3M Ground Cords 3040 and five 3M Snap Fasteners 3034 to be installed by the user.



Static Dissipative Rubber Mat

Product No.	Description	Size, ft. (m)
8810	Table Mat, Gray	2 x 4 (0,6 x 1,2)
8811	Table Mat, Blue	2 x 4 (0,6 x 1,2)
8830	Table Mat, Gray	3 x 4 (0,9 x 1,2)
8831	Table Mat, Blue	3 x 4 (0,9 x 1,2)
8840	Table Runner, Gray	2 x 24 (0,6 x 7,2)
8841	Table Runner, Blue	2 x 24 (0,6 x 7,2)
8860	Table Runner, Gray	3 x 24 (0,9 x 7,2)
8861	Table Runner, Blue	3 x 24 (0,9 x 7,2)
8870	Floor Mat, Gray	4 x 6 (1,2 x 1,8)
8871	Floor Mat, Blue	4 x 6 (1,2 x 1,8)
8880	Floor Runner, Gray	4 x 24 (1,2 x 7,2)
8881	Floor Runner, Blue	4 x 24 (1,2 x 7,2)

Non-standard sizes available on custom order basis up to 50 ft. maximum length.

## Properties

Property	Typical Value
Material	Top and Bottom Layers - Nitrile™ Rubber
Thickness	0.065 in. (1,7 mm)
Hardness	60 Shore A
*Resistance (Surface to Ground) (Surface to Surface)	1 x 10 <sup>6</sup> Ω to 5 x 10 <sup>6</sup> Ω 1 x 10 <sup>6</sup> Ω to 1 x 10 <sup>7</sup> Ω

\* Tested per ESD Association Standard S4.1 at 72°F, 50% RH using 3M Test Kit 701 for Static Control Surfaces (Megohmmeter)