

## Electric-Shock Protection Mats



▪ Indoor use

Mats safeguard workers from injuries caused by high-voltage electrical discharge. These nonconductive mats protect against shock by preventing the worker from being grounded if an electrical discharge occurs. They are used in high-voltage areas where electrical fuse boxes, transformers, or high-voltage boxes are placed.

**Switchboard and Antifatigue Switchboard Mats** meet ANSI/ASTM D178-01 standards for use in high-voltage areas. Type II mats are made of one or more properly vulcanized elastomers which have one or more of the following characteristics: (A) ozone resistance; (B) flame resistance; and/or (C) oil resistance. **Antifatigue Switchboard Mats** also relieve pressure on feet, knees, hips, and spine to reduce fatigue when standing or walking on flooring for long periods of time.

**Military Switchboard Mats** meet MIL-DTL-15562G specifications for use by the Department of the Navy and all other departments and agencies within the Department of Defense. Type II is a smooth mat that can be used on a workbench, cemented to the floor, or used as a portable runner. Type III is a portable runner mat with a diamond plate surface for added slip resistance.



Thickness	Size (WxL)	Dielectric Test Voltage	Max. Voltage	Surface Material	►CHOOSE: Color	Brand	Item No.	
<b>Switchboard Mat, Type II: Class 2</b>								
<b>Diamond Plate Pattern</b>								
1/4 in	2 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	25PR37	
	3 ft x 5 ft	30,000 V	17,000 V	Vinyl	Black w/Yellow Border	Notrax	6RA10	
	3 ft x 12 ft	30,000 V	17,000 V	Vinyl	Black w/Yellow Border	Notrax	3BY56	
	3 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black w/Yellow Border	Notrax	3BY57	
	4 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	25PR38	
1/4 in	2 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	25PR39	
	<b>Ribbed Pattern</b>							
	2 ft x 3 ft	50,000 V	17,000 V	Rubber		Salisbury	5ZV93	
	2 ft x 6 ft	50,000 V	17,000 V	Rubber		Salisbury	5ZV94	
	2 ft x 75 ft	30,000 V	17,000 V	Vinyl		Notrax	25PR33	
1/4 in	30 in x 3 ft	50,000 V	17,000 V	Rubber		Salisbury	5ZV96	
	30 in x 6 ft	50,000 V	17,000 V	Rubber	Black	Salisbury	5ZV97	
	30 in x 9 ft	50,000 V	17,000 V	Rubber	Black	Salisbury	5ZV98	
	3 ft x 5 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	6PY99	
	3 ft x 12 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	5T434	
	3 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black w/Yellow Border	Notrax	5T435	
	3 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	25PR35	
	4 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black	Notrax	25PR36	
	<b>Antifatigue Switchboard Mat, Type II: Class 2</b>							
	1/2 in	3 ft x 75 ft	30,000 V	17,000 V	Vinyl	Black w/Yellow Border	Notrax	53AD73
<b>Military Switchboard Mat, Type II: Class 2</b>								
<b>Smooth Pattern</b>								
5/16 in	3 ft x 75 ft	30,000 V	3,000 V	Vinyl	Black, Blue	Notrax	J2033	
<b>Military Switchboard Mat, Type III</b>								
<b>Diamond Plate Pattern</b>								
5/16 in	3 ft x 75 ft	30,000 V	3,000 V	Vinyl	Gray	Notrax	53AD72	

## Static-Control Mats



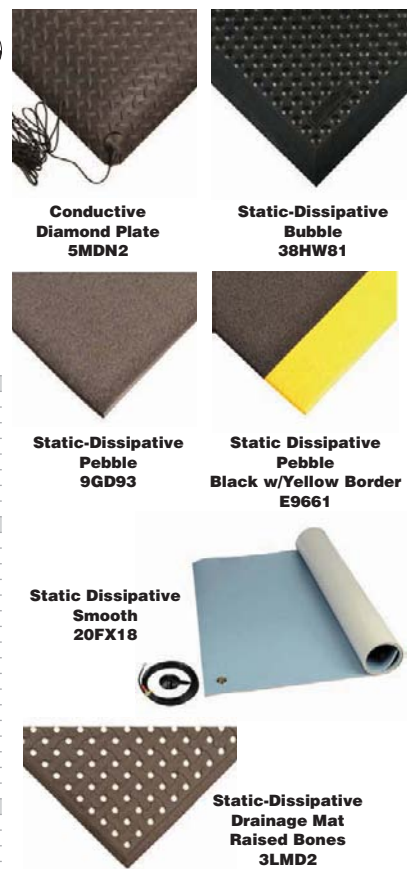
▪ Beveled edge

Mats protect electrical equipment from damage caused by static. They draw static electricity off workers before the worker touches a surface that can cause discharge. For use near sensitive electrical or computer components and in areas with potentially explosive dusts, gasses, or chemicals.

**Conductive mats** move electrical charge across materials very quickly. They are antistatic and have a low surface resistivity less than or equal to  $1 \times 10^9 \Omega/\text{sq}$ .

**Static-dissipative mats** move electrical charges to ground at a controlled rate. They are antistatic and have medium surface resistivity equal to or greater than  $1 \times 10^6 \Omega/\text{sq}$  but less than  $1 \times 10^9 \Omega/\text{sq}$ .

**Static-dissipative drainage mats** have holes that allow water and other liquid hazards to pass through the top of the mat, reducing the likelihood of injury from slipping.



Size (WxL)	Thickness	Material	Surface to Surface/Ground Resistance	Includes Grounding Cord	►CHOOSE: Color	Brand	Item No.
<b>Conductive Mats</b>							
<b>Diamond Plate Pattern</b>							
2 ft x 3 ft	14 mm	Vinyl Laminate		Yes	Black	Notrax	5MDN2
3 ft x 5 ft	14 mm	Vinyl Laminate	$10^6 - 10^9 \text{ ohm}$	Yes	Black	Notrax	5MDN3
3 ft x 12 ft	14 mm	Vinyl Laminate		Yes	Black	Notrax	5MDN4
3 ft x 5 ft	9/20 in	Rubber	$10^9 \text{ ohm}$	Yes	Black with Yellow Border	Desco	36M647
<b>Pebble Pattern</b>							
3 ft x 4 ft	2/25 in	Vinyl	$10^6 \text{ ohm}$	Yes	Black	Desco	56YX57
4 ft x 6 ft	3/50 in	Rubber		Yes	Black	Desco	58KZ71
<b>Static-Dissipative Mats</b>							
<b>Bubble Pattern</b>							
2 ft x 3 ft	13 mm	Rubber		No	Black	Condor	38HW81
3 ft x 4 ft	13 mm	Rubber	$10^5 - 10^7 \text{ ohm}$	No	Black	Condor	38HW82
3 ft x 5 ft	13 mm	Rubber		No	Black	Condor	38ZA90
<b>Pebble Pattern</b>							
2 ft x 3 ft	9 3/8 mm	Sponge Foam		No	Black	Notrax	3TAX9
2 ft x 3 ft	9 3/8 mm	Sponge Foam		No	Gray	Notrax	3VGK7
3 ft x 5 ft	9 3/8 mm	Sponge Foam		No	Black with Yellow Border, Blue, Gray	Notrax	E9660
3 ft x 8 ft	9 3/8 mm	Sponge Foam		No	Black	Notrax	9GD93
3 ft x 12 ft	9 3/8 mm	Sponge Foam	$10^6 - 10^9 \text{ ohm}$	No	Black	Notrax	3VGU7
3 ft x 12 ft	9 3/8 mm	Sponge Foam		No	Gray	Notrax	3VGU4
3 ft x 10 ft	9 3/8 mm	Sponge Foam		No	Black, Black with Yellow Border, Gray	Notrax	E9661
3 ft x 60 ft	9 3/8 mm	Sponge Foam		No	Black with Yellow Border, Gray	Notrax	E9662
4 ft x 60 ft	9 3/8 mm	Sponge Foam		No	Black, Black with Yellow Border	Notrax	E9663
<b>Smooth Pattern</b>							
4 ft x 6 ft	7/50 in	Vinyl	$10^9 \text{ ohm}$	Yes	Gray	SCS	20FX17
4 ft x 6 ft	7/50 in	Vinyl		Yes	Blue	SCS	20FX18
<b>Static-Dissipative Drainage Mats</b>							
<b>Raised Bones Pattern</b>							
2 ft x 2 ft	5/8 in	Rubber		No	Black	Condor	3LMD2
3 ft x 5 ft	5/8 in	Rubber	$10^6 - 10^9 \text{ ohm}$	No	Black	Condor	3LMD1
4 ft x 6 ft	5/8 in	Rubber		No	Black	Condor	3LMD4