

# 3M™ Static Protection Supplies

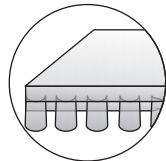


## 3M™ 9900 SERIES STATIC CONTROL ANTI-FATIGUE MAT

This 3M™ Static Control Anti-Fatigue mat enable workers to stand comfortably for long periods of time while minimizing the fatigue associated with working while standing. It consists of a matrix of hollow cylinders that function like springs when compressed. This provides a stable surface supported by rubber cells that soften in response to surface activity.

### Features:

- Optimized for softness
- Resists bottoming out
- Gets softer as compressed
- Easy to clean surface
- Durable structure and edges
- Encourages blood flow in lower legs
- Provides response to worker movements
- Balances shock absorption and resilience
- Resists warping, bunching, and creeping
- Volume conductive



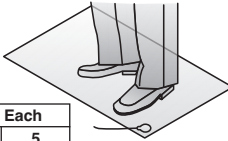
### Applications:

- Any location where static sensitive electronics are handled
- Where personnel must stand for long periods of time during work.
- OEM assembly, Contract Mfg, Defense/Aerospace
- Medical Electronics and Automotive Electronics
- Includes pre-installed 3034 snap and 3040 Ground Cord

MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	5
517-9900	9900	3' X 5' Static Control Anti-Fatigue Mat	409.02	388.90
517-9920	9920	22" Octagonal Shape Anti-Fatigue Mat	137.81	130.92

## 3M™ CONDUCTIVE FLOOR MATS

A conductive floor mat removes static charge from personnel as they approach work areas. It provides significant passive protection in well-traveled assembly areas. Includes two female snaps (installed) and one 15' ground cord with a one megohm resistor.



MOUSER STOCK NO.	3M Part No.	Size: ft.	Thickness (in.)	Price Each	
				1	5
517-1864-46	1864 (1/8x4x6)	4' x 6'	1/8	355.35	337.58

## 3M™ DISSIPATIVE THREE-LAYER TABLE AND FLOOR MATS

8200 series mats have a unique three-layer construction: The top layer is durable static-dissipative vinyl which has low resistivity 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 conductive scrim that provides discharge path to ground. The bottom layer is static-dissipative foam, a durable, nonskid cushion. Includes: 2 female snaps (installed), one 15' ground cord, and ring connector



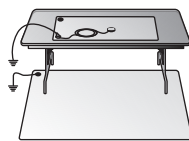
MOUSER STOCK NO.	3M Part No.	Color	Application	Size: ft.	Price Each	
					1	5
517-8211	8211	Brown	Table	2' x 4'	90.30	80.87
517-8213	8213	Gray	Table	2' x 4'	78.52	73.02
517-8214	8214	Blue	Table	2' x 4'	78.52	70.32

## 3M™ WORKSTATION GROUNDING KIT

Ready-to-use kit provides the basic items needed to create a static-safe work environment. Both the floor and table mats are made from soft three-layer static-dissipative material.

### Features:

- Table mat: 2 x 4 ft.
- Floor mat: 4 x 6 ft.
- Ground cord: 15 ft.
- Grounding system for wrist strap/table mat
- Adjustable wrist strap



MOUSER STOCK NO.	3M Part No.	Color	Price Each	
			1	5
517-8023	8023	Gray	493.84	465.11

## 3M™ DISSIPATIVE RIGID WORK SURFACE

Includes two factory-installed female snap fasteners and grounding system for wrist strap/table mat.

- High abrasion resistance
- Resists scorching and common solvents



MOUSER STOCK NO.	3M Part No.	Color	Size: in.	Price Each	
				1	5
517-8343	8343	Beige	.125 x 24 x 36	240.71	228.67

## 3M™ SCC MAT SNAPS

These snaps are used to connect a ground cord to a static mat. 3M provides two styles of snaps. Rivet style snaps are attached with a snap tool. Clinch style snaps are attached without using a specialized tool. These nickel plated brass snaps provide good electrical connection and a long service life.

- Size: 3/8" (10mm)
- Sold in packs of 10
- Rivet style includes 10 sockets and 10 eyelets in each pack

MOUSER STOCK NO.	3M Part No.	Description	Price Per Pkg.	
			1	10
517-FPSNAP	FPSNAP	Female prong clinch style snap	2.43	2.31
517-SNAPSOCKET3/8	SNAPSOCKET3/8	Female rivet style snap & eyelet	.32	.30
517-SNAPSTUD3/8	SNAPSTUD3/8	Male rivet style stud & eyelet	.47	.441
Tool			1	5
517-SNAPTOOL	SNAPTOOL	For attaching Rivet Style snaps	47.35	44.99

## 3M™ STATIC CONTROL SURFACES MARK REMOVER 8001

An extra-strength cleaner for removing dirt and stains from all types of static control surfaces, including table and floor mats, hard laminate benchtops, and portable field service kits. It will also remove difficult grime from epoxy or tile flooring. 1 quart spray bottle.

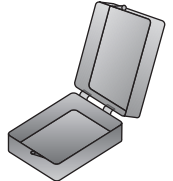
MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	12
517-8001	8001 QT	Extra strength water based cleaner	7.14	6.78



## 3M™ HINGED CONTAINERS

- Injection-molded plastic
  - Molded pin hinges that provide better security and reliability than snap hinges
  - Noncorrosive and lightweight
- For quantities 100 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Size: in.	Price Each		
			1	25	50
517-4021	4021	2.88 x 1.19 x .5	1.68	1.59	1.51
517-4022	4022	3.88 x 1.94 x .5	1.87	1.76	1.69
517-4024	4024	7 x 3.5 x 1	4.09	3.81	3.61
517-4025	4025	7 x 5 x .5	10.72	9.76	8.86



## 3M™ ANTI-STATIC UTILITY TAPE

Suppresses static both during unwinding from the roll and during removal from a surface. Combines 3M's anti-static adhesive with a clear, one mil polyester film backing. A special pattern of ESD symbols alerts users that this is the only tape that should be used in static-safe areas.



MOUSER STOCK NO.	3M Part No.	Size: in.	Description	Price Each	
				1	10
517-40PR-75/72	40PR Tape 3/4"	3/4" x 72 yds.	3" plastic core	18.16	17.25
517-4001	40PR Tape 1"	1" x 72 yds.	3" plastic core	23.44	22.27

## 3M™ SCC ADJUSTABLE FABRIC WRIST STRAP

### Features:

- Adjustable wrist band
- Retractable coiled cord
- 1 meg resistor
- Dated coded for traceability
- Extra soft fabric
- UL Listed



MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	10
517-WBB-AFWS	WBB-AFWS	Blue/White Wrist Band	6.62	6.29
517-WBB-AFWS61M	WBB-AFWS61M	Blue/White Wrist Band/6' Cord	13.09	12.44
517-CC61M	CC61M	Coil Cord, 6', Resistor	8.47	8.04
517-ECWS61M-1	ECWS61M-1	Economy Blue Wrist Strap/6' cord	6.93	6.58

## 3M™ SCC FOOT GROUNDERS

### Features:

- Sole exterior <math>10^{15}</math> ohms
- UL listed and lot coding
- 1 meg resistor
- Multi-strand, carbon suffused nylon on polyester ribbon, sewn in sinusoidal pattern to provide side to side continuity.
- Maximum contact area with floor.
- Good replacement for ESD shoes



Sole Grounder

MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	10
517-HGC1M-N72-BLU	HGC1M-N72-BLU	Blue cup style heel grounder	8.66	8.23
517-BLUE-HGC1MD	BLUE-HGC1MD	Blue cup heel grounder W/D-Ring	11.02	10.50
517-TG1M	TG1M	Toe Grounder	11.42	10.85
517-SG1M-SM	SG1M-SM	Sole Grounder, 1 meg, Small	16.74	15.90
517-SG1M-M	SG1M-M	Sole Grounder, 1 meg, Medium	17.57	16.69
517-SG1M-L	SG1M-L	Sole Grounder, 1 meg, Large	15.95	15.15
517-SG1M-XL	SG1M-XL	Sole Grounder, 1 meg, X-Large	16.74	15.90

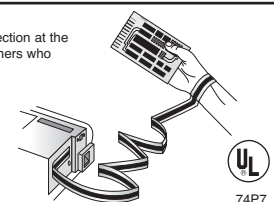
## DISPOSABLE WRIST STRAP

Ideally suited for shipment along with components to ensure protection at the receiving end, or for short-term use in the plant for visitors and others who don't need the durability of a reusable strap.

- 4 ft. Working Length

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Price Each			
	1	10	25	100
517-22090	1.52	1.44	1.37	1.30



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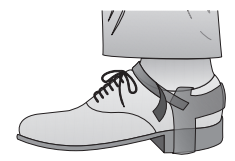
## SHOE GROUNDING ASSEMBLY

Effectively grounds personnel when they are in contact with conductive flooring. To be effective, the shoe grounders must be worn on both feet.

- Elastic ankle strap, one size fits all • With a 1MΩ resistor

Note: The 2051 Grounding Assembly is not to be used in areas where the individual may come in contact with electrical circuitry exceeding 250 volts.

MOUSER STOCK NO.	Price Each	
	1	5
517-2051	12.26	11.31



## DISPOSABLE SHOE GROUND STRAP

- One size fits all low cut shoes
- Provides a reliable path for static charge to drain to ground when shoes with insulative soles are worn.
- To be effective, grounders must be worn on both feet.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
517-2045	.54	.51	.48

