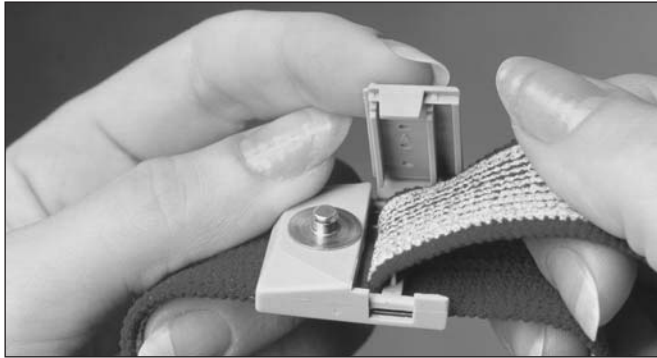




# Static Control Workstation Solutions

## Adjustable Fabric Wrist Straps (Single Conductor)

3M™ Adjustable Wrist Straps are the front line of defense in all static control processes. Provide a comfortable, custom fit with these adjustable wrist straps. One size adjusts to any size wrist to provide reliable, 360 degree protection. These wrist straps feature a band made of a silverplated, monofilament, continuous thread woven together with elastic nylon to assure full conductivity, comfort and reliability, while providing rapid and continuous drain of static charge. Adjustability also simplifies ordering procedures and inventory control by eliminating the need to order and stock several band sizes. A one megohm resistor is built into the ground cord. All wrist strap sets include an alligator clip, which fits over the installed banana jack on the ground cord, to provide an alternative ground attachment method. Available with 4 mm snap end. Adjustable bands fit wrist circumference up to 9.0" (228, 6 mm).



Adjustable Wrist Strap for Single Conductor Cords



| Product No. | Description  |
|-------------|--|
| 2204        | Adjustable Fabric Wrist Band, made of knitted fabric, in burgundy color.   |
| 2214        | Fabric Wrist Band with coiled cord. 5 ft. (1,5 m) practical extended length with burgundy adjustable fabric band.  |
| 2224        | Fabric Wrist Band with coiled cord. 10 ft. (3,0 m) practical extended length with burgundy adjustable fabric band. |

| Product No. | Description  |
|-------------|--|
| 2271        | Economy Adjustable Fabric Wrist Band is made of stretch weave fabric, blue color with white trim.                    |
| 2272        | Economy Adjustable Wrist Band with coiled cord. 5 ft. (1,5 m) practical extended length, blue color with white trim. |

## Fixed Size Metal Wrist Straps (Single Conductor)

3M Metal Wrist Straps feature quality Speidel™ metal expansion bands for durability and comfort. Each link is covered with an insulative plastic cap. Compatible with the 3M™ Wrist Strap Ground Cords 2210, 2220 and 4610/4611.

Three sizes are available: small for wrists from 4.5 in. to 6 in. (114 mm to 152 mm) in circumference; medium for wrists from 5.5 in. to 7.25 in. (140 mm to 184 mm); and large for wrists larger than 6.5 in. (165 mm). All wrist strap sets include an alligator clip, which fits over the installed banana jack on the ground cord, to provide an alternative ground attachment method. Available with 4 mm snap end.



3M™ Wrist Band 2205 Series

| Product No. | Description                                 |
|-------------|---|
| 2205        | Bulk pack of 25 metal wrist bands. (Small)  |
| 2206        | Bulk pack of 25 metal wrist bands. (Medium) |
| 2207        | Bulk pack of 25 metal wrist bands. (Large)  |



## Adjustable Thermoplastic Wrist Straps

The 3M™ Adjustable Wrist Straps 4600 Series feature a thermoplastic band with an integrally molded conductive interior. The wrist strap utilizes an easy on/easy off adjustable “zipper” style latching mechanism and is available with 4 mm snaps and 5 ft. ground cords. (10 ft. ground cord available with 4 mm snap only.) All wrist straps and cords include alligator clips.



Wrist Band 4600 Series shown with ground cord and alligator clip

| Product No. | Description   |
|-------------|---|
| 4610        | Ground Cord, Coiled, 5 ft. (1,5 m), 4 mm snap end.  |
| 4611        | Ground Cord, Coiled, 10 ft. (3,0 m), 4 mm snap end. |

| Product No. | Color | Description                                   |
|-------------|-------|---|
| 4620        | Blue  | Wrist Band with 4 mm stud.                    |
| 4650        | Blue  | Wrist Band with 5 ft. coiled cord, 4 mm stud. |

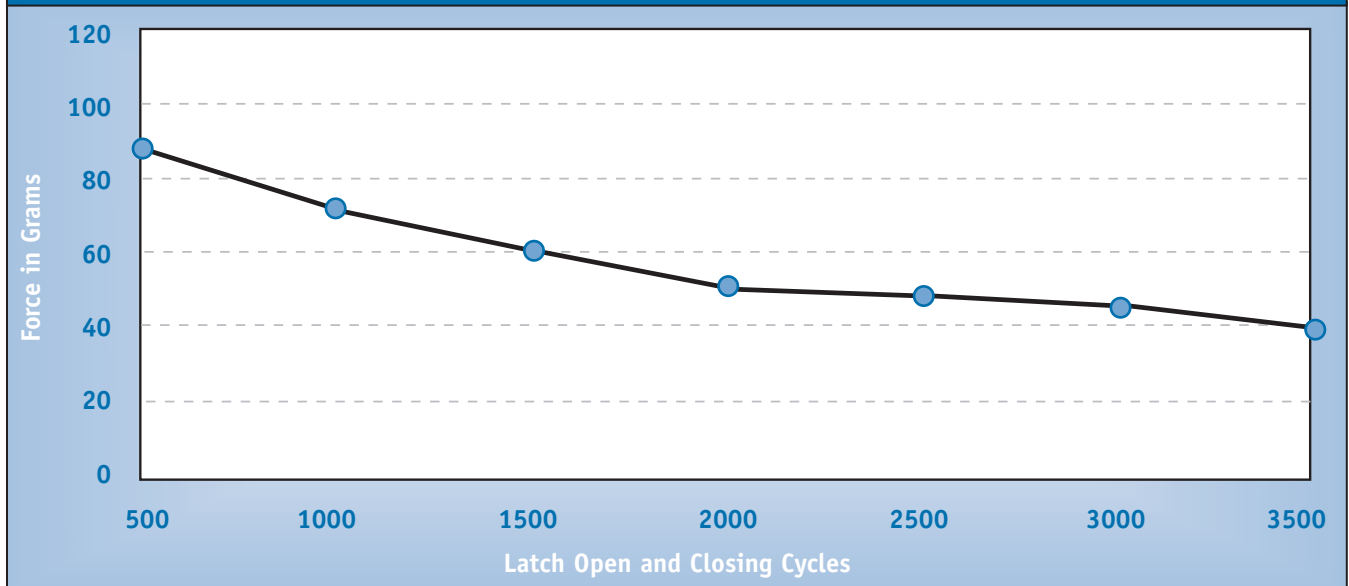
### Grounding Cord 4600 Properties

| Grounding Cord   | Typical Value                     |
|--|-----------------------------------|
| Tensile Strength   | > 15 lbs. (6,8 kg)                |
| Average Termination flex life per ESD S1.1 and MIL-PRF-87893 | > 200,000 flexes                  |
| Resistance End-to-end  | 1M $\Omega$ $\pm$ 20%             |
| Resistor Type  | 1M $\Omega$ -metal film $\pm$ 20% |

### Wrist Band 4600 Properties

| Wrist Strap                 | Typical Value   |
|-----------------------------|---|
| Wrist Band Size             | Adjustable, small/large, trim to size 1.7 to 2.7 in dia. (43,2 mm to 68,6 mm) |
| Resistance - Inside/Outside | > 100M $\Omega$   |
| Cleanable                   | Water/mild detergent or 10% isopropyl solution                                |

## Latch Durability 4600 Series





# Static Control Workstation Solutions

## Wrist Strap Ground Cords

3M™ Wrist Strap Ground Cords 2210, 2220 and 4610 Series are highly durable with segmented strain relief, and a single bundle of tinsel conductors laced for great strength and reinforced with strong synthetic fibers. These features provide long cord life and easy movement. Each cord has a 1 megohm resistor molded into the snap end. All wrist straps and cords include alligator clips.



Ground Cord 2210



Ground Cord 4610 (includes Alligator Clip not shown)

| Product No. | Description   |
|-------------|---|
| 2210        | Ground Cord, coiled 5 ft. (1,5 m) practical extended length.  |
| 2220        | Ground Cord, coiled 10 ft. (3,0 m) practical extended length. |
| 4610        | Ground Cord, Coiled, 5 ft. (1,5 m), 4 mm snap end.            |
| 4611        | Ground Cord, Coiled, 10 ft. (3,0 m), 4 mm snap end.           |

### ⚠ Warning on all wrist strap products:

A one megohm resistor is molded into 3M Wrist Strap Ground Cords. DO NOT REMOVE. If it becomes damaged, replace ground cord immediately. These products are not to be used in areas where the individual may come in contact with exposed electrical circuitry exceeding 250 Volts AC.

These products are for static control. They will not reduce or increase your risk of receiving electrical shock when using or working on electrical equipment. Follow the same precautions you would use without wrist straps, including:

- Make certain that equipment having a grounding type plug is properly grounded.
- Make certain that you are not in contact with grounded objects other than through the 3M Wrist Strap.