



# 4600 Series Wrist Bands Cords and Wrist Straps

## Data Sheet

The 4600 Series Wrist Bands consists of a molded insulative thermoplastic colored exterior with an integrally molded conductive interior insert and metal male snap available in 4mm, 7mm, and 10mm sizes to offer universal variety and acceptance worldwide. The 4600 Series bands offer several unique features to provide hi-tech businesses cutting edge equipment at low cost.

### Comfort

Made of thermoplastic material, the 4600 Series Wrist Bands are lightweight, low profile and safely make contact with human skin, assuring employee acceptance while ensuring ease of use. The “zipper” style latching mechanism easily adjusts to any size wrist, effecting a “one size fits all” conformity of fit resulting in a flexible, user friendly device.



3M’s exclusive “comfort bumps” design on the conductive interior insert ensure air flow between the band and skin which results in more comfort for the wearer.

### Style

Who says functionality can’t be fun, too? The new progressive shades of blue, green, purple, maroon, and lime offer a variety of tangible and subtle benefits. The 4600 Series Wrist Straps are highly visible, making it easy for supervisors to see that the wrist straps are properly used. Also, the 4600’s bright colors may be coordinated to match the company’s colors to promote a sense of corporate image and uniformity, or color coded to identify worker groups within the company to increase worker camaraderie and employee acceptance.

### Making the Connection

The 4600 Series Ground Cords contain highly flexible tinsel conductors laced into high strength, energy absorbing synthetic fibers housed within a lightweight, coiled engineering grade thermoplastic insulative jacket. It’s end connections are each guarded by a 3M designed strain relief system, which reduces stress at each end of the cord and helps to decrease the number of cord replacements. The continuous contact snap fastener assures electrical contact and freedom of movement for the wearer, while a molded-in one megohm resistor limits current flow passing through the ground cord. The 4600 Series Ground Cords are available with 4mm, 7mm and 10mm female snaps, and in lengths of 5' and 10' to meet employee mobility requirements.

### 3M™ 4600 Series Wrist Strap, Band and Cord Product Specifications:

#### Grounding Cord

Tensile strength:	> 15 lbs.
Average termination flex life:	> 200,000 flexes
Resistance end-to-end:	1 MW ± 20%
Resistor type:	1 MW - metal film

#### Wrist Band

Size:	Adjustable, small/large, trim to size 1.7 to 2.7 in DIA
Resistance - Inside/Outside:	> 100 MW
Easy Latch and Unlatch	
Cleanable:	Water/mild detergent or 10% alcohol solution

**4600 Series Grounding Cords Ordering Information**

Product	
Number	Description
4610	Lightweight Coiled Cord, 5 ft., 4mm snap
4611	Lightweight Coiled Cord, 10 ft., 4mm snap
4612	Lightweight Coiled Cord, 5 ft., 7mm snap
4613	Lightweight Coiled Cord, 10 ft., 7mm snap
4614	Lightweight Coiled Cord, 5 ft., 10mm snap
4615	Lightweight Coiled Cord, 10 ft., 10mm snap

**4600 Series Wrist Bands Ordering Information**

Product		
Number	Color	Description
4620	Blue	Wrist Bands with 4mm studs
4621	Green	
4622	Purple	
4623	Maroon	
4624	Lime	
4629	Mixed Colors	Five of each color packaged in carton
4630	Blue	Wrist Bands with 7mm studs
4631	Green	
4632	Purple	
4633	Maroon	
4634	Lime	
4639	Mixed Colors	Five of each color packaged in carton
4640	Blue	Wrist Bands with 10mm studs
4641	Green	
4642	Purple	
4643	Maroon	
4644	Lime	
4649	Mixed Colors	Five of each color packaged in carton
4650	Blue	Wrist strap includes one band with 4mm stud and one coiled lightweight grounding cord with 4mm snap, 5 ft.
4651	Green	
4652	Purple	
4653	Maroon	
4654	Lime	
4659	Mixed Colors	Five of each color packaged in carton
4660	Blue	Wrist strap includes one band with 7mm stud and one coiled lightweight grounding cord with 7mm snap, 5 ft.
4661	Green	
4662	Purple	
4663	Maroon	
4664	Lime	
4669	Mixed Colors	Five of each color packaged in carton
4670	Blue	Wrist strap includes one band with 10mm stud and one coiled lightweight grounding cord with 10mm snap, 5 ft.
4671	Green	
4672	Purple	
4673	Maroon	
4674	Lime	
4679	Mixed Colors	Five of each color packaged in carton

For ordering information, technical information, product information or to request a copy of the Material Safety Data Sheet, you can reach us at:

Phone: 1-800-722-6721 or 512-984-5670

Fax: 1-800-828-9329 or 512-984-2210

3M expressly warrants that for a period of ninety (90) days from the date of purchase, 3M 4600 Series Wrist Bands, Cords and Wrist Straps will be free of defects in materials (parts) or workmanship (labor) and function within their specified operating parameters.

Defects during the warranty period will be repaired or the products replaced at 3M's option and expense, if 3M receives notice during the warranty period. Defective products must be returned to 3M with proof of purchase date.

Warranty Exclusions—The foregoing express warranty is made in lieu of all other product warranties, expressed and implied, including fitness and merchantability. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error or failure to properly maintain, clean or repair products.

Limit of Liability—In no event will 3M or Seller be responsible or liable for special, incidental or consequential losses or damages, whether based in tort or contract. Fulfillment of 3M's warranty obligations will be Customer's exclusive remedy and 3M's and Seller's limit of liability for any breach of warranty or otherwise.

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