

Botron B9978 Technical Data Sheet



Overview:

"G.E.M." line adjustable wrist strap sets are available with a 6' or 12' standard coil cord design. They provide the performance and reliability of a metal band with the comfort of cloth. G.E.M. coil cords and ESD wrist bands allow work room supervisors to easily detect when workers are properly grounded. The woven elastic and cotton band has a soft outer area and a 5/8" conductive area on the inside. Unlike many others which have 3-5 rows of conductive thread, these have a 5/8" area of solid conductive material, the largest conductive area on the market.

Product Notes and Features

- 1) Bright Colored Translucent Wire
- 2) Knitted 3/4" Nylon w/ 5/8" Conductive Woven Thread
- 3) Constant Contact Hinge

PROPERTIES

SPECIFICATIONS

Material:	Knitted 3/4" wide Nylon
Conductive area:	5/8" wide Conductive Woven Thread
Back Plate:	Stainless Steel
Face Plate:	Composite Plastic
Snap:	1/8" Stamped
Size:	One Size Fits All
Resistor:	1 MegOhm
Circumference:	8"
Coil Length:	6' & 12'
Coil Cord:	PVC
Breakaway Strength:	Meets S1.1 of One to Five lbs.
Wire:	7 Strand Tinsel Wire
Banana:	Barrel Type
Color:	Ruby Red, Emerald Green, and Sapphire Blue Band and Coil Cord Set



ESD APPLICATIONS

Anti static wrist strap sets should be securely attached either directly to the ground or via banana jack to an ESD table mat or ESD floor mat. Compatible with all Botron constant monitors, table and floor mat grounds, as well as ESD bench grounds.

INSTALLATION

1. Open the face of the wrist strap, sliding it over hand onto wrist.
2. Pull end of wrist strap tightly, close face of strap.
3. Attach coil cord, plug into continuous monitor or other recommended grounding devices.

TESTING GUIDELINES

To properly test your ESD Wrist Strap it is recommended that you apply an ESD lotion, B8008, to the wrist area prior to testing.

Fasten coil cord snap onto stud and insert the banana jack into the allocated area of the ESD tester.*

If you obtain a fail reading, please check your ESD Wrist Strap for wear as well good skin contact. Retest after inspection. If the unit still fails, replace the ESD Wrist Strap Set.

Botron recommends testing ESD Wriststraps with any of the following test equipment; B8201, B82251, B8525, B8506, B8203, B8202, B8211, B88000.

*Please note, it is recommended to read the testing guidelines provided with the ESD Tester you are using.

GROUNDING AND MOUNTING

Conductive woven band and solid metal plate design provide superior reliability to ground. ESD Grounds are available with a spring loaded 1/8" (4mm) socket connector. Attaches to ground via standard banana jack or alligator clip. Each cord comes with a slip on alligator clip that attaches to the banana jack for greater expansion of use.

PART NUMBERS

B9908 Ruby GEM line adjustable set with 6' coil 1/8"
B9928 Ruby GEM line adjustable set with 12' coil 1/8"

B9948 Emerald GEM line adjustable set with 6' coil 1/8"
B9958 Emerald GEM line adjustable set with 12' coil 1/8"

B9978 Sapphire GEM line adjustable set with 6' coil 1/8"
B9988 Sapphire GEM line adjustable set with 12' coil 1/8"

B9938 Ruby GEM line band only with 1/8" stud
B9968 Emerald GEM line band only with 1/8" stud
B9998 Sapphire GEM line band only with 1/8" stud

B2308 Ruby GEM line 6' coil 1/8" snap
B2328 Ruby GEM line 12' coil 1/8" snap
B2408 Emerald GEM line 6' coil 1/8" snap
B2428 Emerald GEM line 12' coil 1/8" snap
B2508 Sapphire Gem line 6' coil 1/8" snap
B2528 Sapphire Gem line 12' coil 1/8" snap

Botron Company Inc. | 325 W. Melinda Ln Phoenix AZ 85027 | Ph# 623-582-6700 | Fax# 623-582-6776

Disclaimer. All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user.

The statements herein shall have no force or effect.