

# Botron B9104 Technical Data Sheet



## Overview:

High Quality adjustable wrist strap set is 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. The blue knitted material 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. The extra soft knitted material ensures comfort while retaining solid contact with the skin.



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## Product Notes and Features

- 1) 7 Strand Tinsel Wire
- 2) Extra Soft Knitted 3/4" Nylon w/ 5/8" Conductive Woven Thread
- 3) 1 MegOhm Built-In

## PROPERTIES

## SPECIFICATIONS

Material:	Extra Soft Knitted 3/4" wide Nylon
Conductive area:	5/8" wide Conductive Woven Thread
Back Plate:	Stainless Steel
Face Plate:	Composite Plastic
Snap:	1/8" and 1/4" Snap
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
Compliance:	RoHS Compliant
Banana:	Barrel Type
Color:	Blue Band with Black Coil Cord



## 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

B9104 Blue comfort band set with 6' coil 1/4"  
B9144 Blue comfort band set with 6' coil 1/4"  
B9134 Blue comfort band only 1/4" stud

B2008 Std Black 6' coil 1/8" snap  
B2004 Std Black 6' coil 1/4" snap  
B2028 Std Black 12' coil 1/8" snap  
B2024 Std Black 12' coil 1/4" snap