Botron B9478 Technical Data Sheet

B | BOTRON

Overview:
Fully adjustable metal wrist strap sets are available with a 6' or 12' standard coil cords. Its stainless steal carbon free design makes it an ideal solution for cleanroom environments. The ESD ground cord is tangle free and built to withstand the rigors of the work environment. It's adjustable metal band is designed snag free and will not pinch skin.

Product Notes and Features

1) 7 Strand Tinsel Wire

2) Adjustable Metal Cleanroom Safe Band

3) 1 MegOhm Built-In

PROPERTIES   SPECIFICATIONS

Property	Specification
Material:	Black Metal Outer Surface
Inner Band:	Stainless Steel
Back Plate:	Stainless Steel
Face Plate:	Black 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:	Black Band with Black Coil Cord

ESD APPLICATIONS

Anti static metal wrist strap sets are great personal grounding solutions. They 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. 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 Wristraps 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

It's adjustable metal band design provides superior reliability to ground. ESD Ground is available in a spring loaded 1/8″ (4mm) socket connector with either a 6′ or 12′ coil, attaching to ground via standard banana jack or alligator clip. Each cord comes with a slip on alligator clip for greater expansion of use.

PART NUMBERS

B9478 Black Metal Adjustable set with 6′ coil 1/8″
B9479 Black Metal Adjustable set with 12′ coil 1/8″
B9477 Black Metal band only with 1/8″ 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