

Botron B7505 Technical Data Sheet



Cup design:

The Full Coverage Sole Grounder is designed to provide maximum surface coverage. The benefit of wearing a sole grounder is always maintaining contact with the floor surface whether on heel or toe. Comes in three sizes; small, medium and large.

Fastening System:

This is a dual position D-ring system with two .75" wide by 8" length stretch hook and loop straps on front and rear.

Grounding:

Our ESD sole grounders come standard with a conductive 18" ribbon. All resistors are built in and are available in a 1meg application.

Product Notes and Features

- 1) Sewn in 1Meg Resistor
- 2) Plastic D-Ring
- 3) Non-Marking Interior
- 4) 18" Conductive Nylon Ribbon
- 5) Stretch Hook and Loop for Comfort Fit

PROPERTIES

SPECIFICATIONS

Cup Size:	Sm. - 7"/ Med. - 7.5"/ Lg. - 9"
Sole Interior:	Non-Marking Rubber
Sole Exterior:	Conductive Rubber 5x10 ³
Ribbon:	18" Conductive Nylon
Charge Decay:	<0.01Sec
Thickness:	0.080
Resistor:	1 MegOhm and 2 MegOhm
RTG (w/ 1Meg):	1.1x10 ⁶
Standards:	ANSI/ESD S.20.20 & Mil 263
Fastening system:	¾" x 8" Stretch Hook & Loop w/ plastic D-Ring
Packing:	1 per bag / bags of 10
Colors:	Black, Blue and Red



INSTALLATION

1. Unfasten both hook and loop straps. Step into rubber cup, black side down. Fasten both straps tightly over top of foot.
2. Trim conductive ribbon to desired length and place inside of sock or shoe. (skin contact is recommended)

RECOMMENDED USAGE

1. For safety reasons, it is recommended that heel grounders be worn on both right and left foot, in order to maintain a continuous path to the ground.
2. Conductive ribbon should be tucked inside the shoe or sock making as much contact with the skin as possible. Please take note, if ribbon is worn outside of the sock to maintain electrical contact, perspiration is needed in order to maintain an electrical contact with the heel grounder.
3. Heel grounders should be used in conjunction with a floor surface, and/or floor mat with a surface resistance less than 1×10^9 .

PART NUMBERS

B7505 Small Black 1 MegOhm Resistor
B7506 Medium Black 1 MegOhm Resistor
B7507 Large Black 1 MegOhm Resistor

TESTING GUIDELINES

To properly test your heel grounders it is recommended to clean your heel grounder free of debris. Also check that the conductive ribbon is making adequate skin contact.

Botron recommends testing heel grounders with any of the following test equipment. B82251, B8211, B8225, B8506 and B88000.

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

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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.