

Heel Grounders

Description

Heel grounders provide a continuous ground path between the operator and a properly grounded ESD protected flooring. They are designed for use in applications where user mobility is required, such as wave solder, kitting, and quality control. Per ANSI/ESD S20.20 Paragraph 6.2.2.2, "ESD protective flooring used with approved footwear, may be used as an alternative to the wrist strap system for standing operations." Heel grounders quickly and effectively drain the static charges which collect on personnel during normal, everyday activities.

General Guidelines

1. It is recommended that heel grounders be worn on both feet, in order to assure that a continuous path to ground is maintained.
2. Grounding tabs should be tucked inside the shoe with as much contact area as possible to the bottom of the stocking foot. Heel grounders rely upon the perspiration in the shoe to sustain electrical contact between the conductive grounding tab and the body.
3. Heel grounders should be used in conjunction with floor surfaces which have a surface resistance of less than 1×10^9 ohms.

Cleaning

While heel grounders are designed to ground static charges, dirt generally provides an insulative layer adversely affecting reliability. For proper operation, the Heel Grounder and its conductive strip must be kept clean.

The rubber portion should be cleaned with isopropyl alcohol.

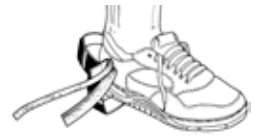
Heel Grounders can be safely hand or machine washed on gentle cycle. Mild detergents, such as Woolite® or a liquid dish washing product and warm water are recommended. However, care must be taken to ensure that these detergents are silicone free.

Installation

HOOK & LOOP HEEL GROUNDERS

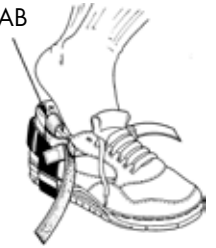
The heel grounder is designed for use on standard shoes and can be easily adjusted to fit the individual wearer. It has a dissipative lining that will not mark light colored shoes. The Heel Grounder has a current limiting one megohm resistor in series with the grounding tab.

1. Place the heel grounder on the shoe so that the lining is making contact with the shoe.



2. Insert the grounding tab inside of the shoe and under the foot. Make sure that a solid contact is made between the sock and body. Cut grounding tab to desired length.

GROUNDING TAB



For best contact, tuck the grounding tab inside the sock so that it touches skin.

3. Fasten hook and loop straps together, securing heel grounder firmly on shoe.



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Heel Grounder No. 793.HG

Stock Size

Part Number
793.HG

Size
One size fits all

