

# 3M™ Heel Grounder

## Quick Clasp Cup Style Heel Grounder

The quick clasp heel grounder features a push button clasp that reduces the time and effort needed to put on grounders. Adjust the strap and then just "click-and-go". The clasp "remembers" the last strap adjustment. The soft, elastic nylon strap is more comfortable than hook and loop. Fits boots and cross trainers. UL listed, date/lot coding for QC traceability. Made in the USA, the hgc1M-c features a durable three layer sole that can be rotated for double life span, and a 24" Multi-strand ribbon. 3M foot grounders are designed and manufactured for comfort, durability, and cost effectiveness. Our grounders are UL listed for safety and tested for electrical performance. 3M uses time-tested construction techniques including computer controlled stitching, riveting, die cutting, and heat cutting to ensure consistent performance.

### Standards

Meets the requirements of ANSI/ESD S-20.20, EIA 625, MIL-STD-1686, and MIL-HDBK-263.

### Specifications

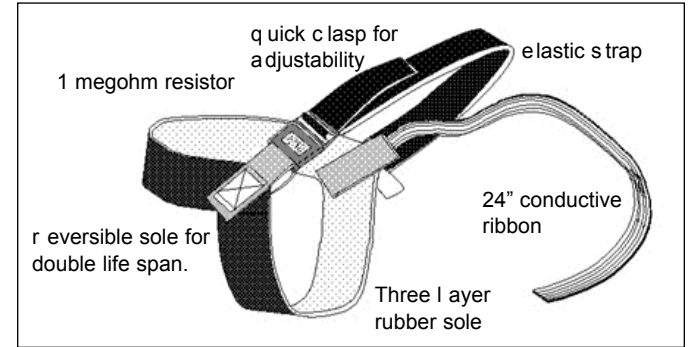
- Resistor: 1 megohm
- Color: Black
- Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.
- Elastic strap: 3/4"
- Sole interior: Non-marking
- Sole exterior: <math>10^5</math> ohms

### Part Numbers

hgc 1M-c Quick clasp heel grounder, 1 meg resistor

See 3M Data Sheets for these related items:

3M™ Foot grounder Tester
3M™ Floor Mats



#### How Foot Grounders Work

Foot grounders discharge static from a person to ground by connecting the person to a grounded walking surface. A conductive ribbon placed inside the wearer's shoe or sock makes electrical contact with the skin through perspiration. The ribbon is joined to a resistor which limits current should accidental exposure to electricity occur. The other end of the resistor is joined to a conductive sole. This sole contacts a grounded esd floor mat or esd flooring system. Foot grounders must be worn on both feet to maintain ground contact while walking.

P R O D U C T   D A T A   S H E E T

## Foot Grounder - Cup Style - Quick Clasp

**PRODUCT**  
quick clasp heel grounder

**ITEM NUMBER**  
SEE ABOVE

**DATASHEET**  
1120-A

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