

# 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

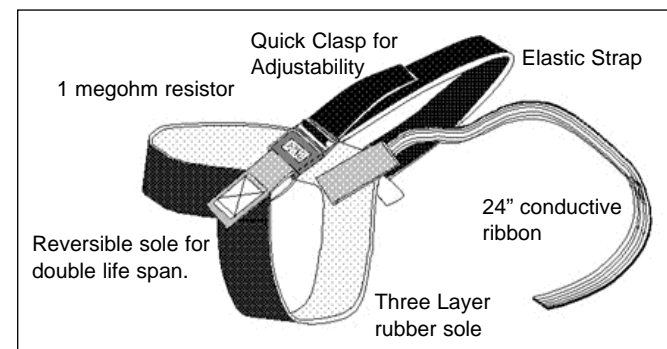
Resistor: 1 megohm  
Color: Black  
Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.  
Elastic Strap: 3/4"  
Sole Interior: Non-marking  
Sole Exterior: <10<sup>5</sup> ohms

## Part Numbers

HGC1M-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.

## PRODUCT DATA SHEET

### Foot Grounder - Cup Style - Quick Clasp

PRODUCT  
QUICK CLASP HEEL GROUNDER

ITEM NUMBER  
SEE ABOVE

DATASHEET  
1120-A

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