

# 3M™ Heel Grounder

## Cup Style Heel Grounder

A full size, double life span sole combines with comfortable elastic hook and loop to make our Cup Style an industry favorite. Made in the USA, this quality grounder features a durable three-layer, double-life span sole, and a 24 inch multi-strand ribbon. 1 or 2 meg resistor. Lot Coded for QC traceability. UL Listed.

3M foot grounders are designed and manufactured for comfort, durability, and cost effectiveness. We make foot grounders in the USA. Our grounders are UL listed for safety and tested for electrical performance. A lot code on the grounder provides quality traceability. 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

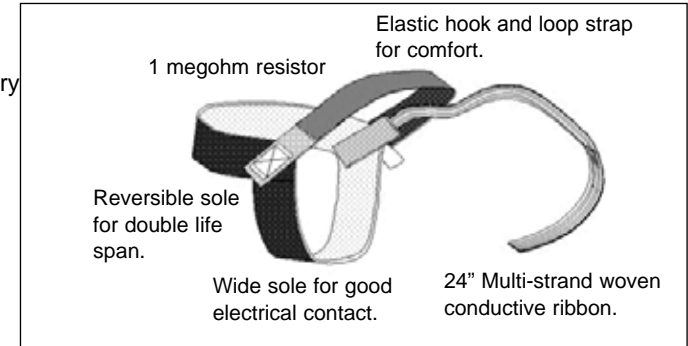
Resistor: 1 megohm  
 Color: Black  
 Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.  
 Hook and Loop: 3/4"  
 Sole Interior: Non-marking  
 Sole Exterior: <math>10^5</math> ohms

## Part Numbers

HGC1M Cup Style Heel Grounder, 1 meg resistor  
 HGC2M Cup Style Heel Grounder, 2 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

**PRODUCT**  
 CUP STYLE HEEL GROUNDER

**ITEM NUMBER**  
 SEE ABOVE

**DATASHEET**  
 1119-A

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