

# 3M™ Heel Grounder HGC1M-N72-BLU

## Cup Style Heel Grounder

Blue elastic hook and loop provides a comfortable, secure fit, and good visibility for compliance verification. The durable, double life span tennis sole is made from 3-layer rubber and will not mark shoes. Made in the USA, this quality grounder features UL listing for safety, a lot number, and a 24 inch 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

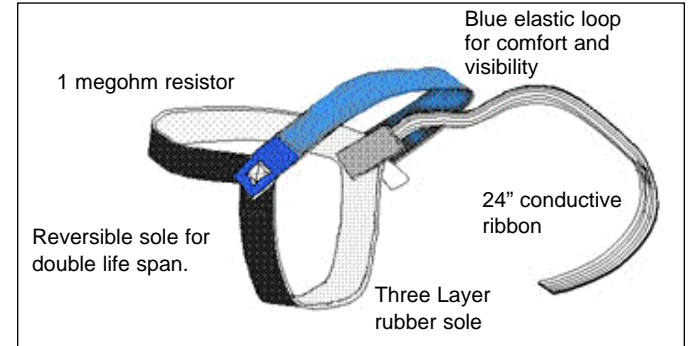
Resistor: 1 or 2 megohm  
Color: Black  
Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.  
Elastic Hook and Loop: 3/4" Blue  
Sole Interior: Non-marking  
Sole Exterior:  $<10^5$  ohms

## Part Numbers

HGC1M-N72-BLU Blue Hook and Loop Heel Grounder, 1 meg resistor  
HGC2M-N72-BLU Blue Hook and Loop 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

## Heel Grounder - Cup Style -High Visibility

**PRODUCT**  
BLUE HOOK AND LOOP HEEL GROUNDER

**ITEM NUMBER**  
SEE ABOVE

**DATASHEET**  
1121-A

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