

# HGS1M

## Standard Style Heel Grounder

This standard style grounder provides a conductive sole under the heel, and a stretch-nylon strap around the back of the shoe. Made in the USA, this quality grounder features a durable three layer sole, lot number, and 24 inch multi-strand ribbon. SCC foot grounders are designed and manufactured for comfort, durability, and cost effectiveness. Our grounders are UL listed for safety and tested for electrical performance. SCC 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.

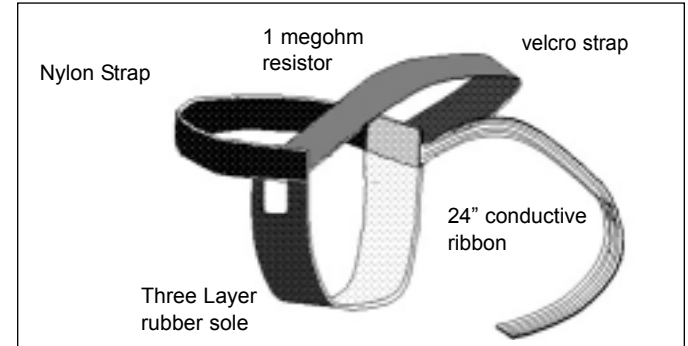
### Specifications

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

### Part Numbers

HGS1M Standard Heel Grounder, 1 meg resistor

See SCC Data Sheets for these related items:
Foot Grounder Tester
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 - Standard Style

<b>PRODUCT</b> STANDARD HEEL GROUNDER	<b>ITEM NUMBER</b> SEE ABOVE	<b>DATASHEET</b> 1124-A
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