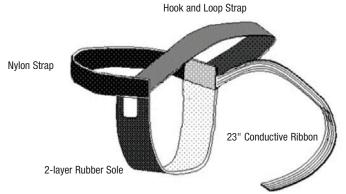
#### **Product Data Sheet**

## 3M™ Heel Grounder HGS1M Standard Style

The Heel Grounder HGS1M, Standard Style, provides a conductive sole under the heel, and a stretch-nylon strap around the back of the shoe. This quality grounder features a durable two-layer sole, lot number and 23-inch multi-strand ribbon. Heel Grounders are designed and manufactured for comfort, durability and cost effectiveness. Heel grounders are UL listed for safety and tested for electrical performance.







All 3M Shoe
Grounding Straps and
Assemblies should
not be used in areas
where the individual
may come in contact
with electrical
circuitry exceeding
250 volts.



## **Electronics Materials Solutions Division Static Control Products**

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Specifications	Typical Value
Hook and Loop	3/4"
Elastic Strap	Black
Sole Interior	Non-marking
Sole Exterior	<10 <sup>5</sup> ohms
Total Grounder*	1.0 x 10 <sup>6</sup> ohms

\*Meets the requirements of ANSI/ESD S20.20-2007, EIA 625 \*ESD-SP9.2

#### **Part Numbers**

HGS1M Standard Heel Grounder, 1 meg resistor	
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#### **How Heel Grounders Work**

Heel grounders eliminate a charge on a person by electrically connecting the person to a grounded surface. A conductive ribbon placed inside the wearer's shoe or sock makes electrical contact with the skin through perspiration. The assembly contains a current-limiting resistor which protects the operator from accidental exposure to electricity. Heel grounders must be worn on both feet to maintain ground contact while walking.

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