

# 3M™ Heel Grounder — Non-Marking NS-HGC1M

## Non-Marking Blue Heel Grounder

The blue sole eliminates scuff marks on ESD floors. The reversible, double life sole is static Elastic Velcro™ provides a secure, comfortable fit. Made in the USA, this quality grounder is tested for electrical performance and is lot numbered. 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

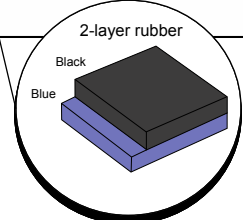
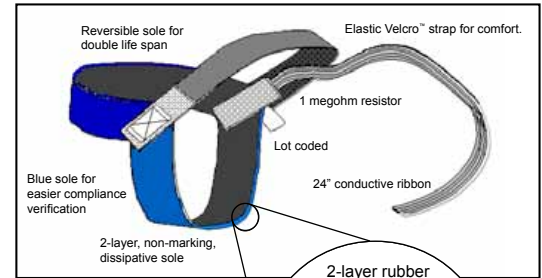
Resistor:	1 megohm
Sole:	2-layer, dissipative, blue/black
Ribbon:	Gray, multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side-to-side conductivity.
Hook and Loop:	3/4", elastic loop, black
Traceability:	Lot coded
Sole Exterior:	<10 <sup>8</sup> ohms
Total Grounder:	10 <sup>7</sup> -10 <sup>8</sup> ohm

### Part Numbers

#NS-HGC1M	Blue Non-Marking Heel Grounder, 1 meg resistor
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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 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.

Velcro is a trademark of Velcro Industries.

## P R O D U C T D A T A S H E E T

### Foot Grounder - Non-Marking

#### PRODUCT

BLUE NON-MARKING HEEL GROUNDER

#### ITEM NUMBER

SEE ABOVE

#### DATASHEET

1129-A

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