

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 ⁸ ohms
Total Grounder:	10 ⁷ -10 ⁸ ohm

Part Numbers

#NS-HGC1M	Blue Non-Marking Heel Grounder, 1 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 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

3M Electronic Solutions Division
6801 River Place Blvd.
Austin, TX 78726-9000
US and Canada: **866-722-3736**
Fax: 866-722-3735
Intl: 919-718-0000; Fax: 919-774-8174
email: 3Mstaticinfo@mmm.com; www.3Mstatic.com © 2009

3M is a trademark of 3M Company.
All other trademarks herein are the property of their respective owners.

3M