

3M™ Heel Grounder

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. 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

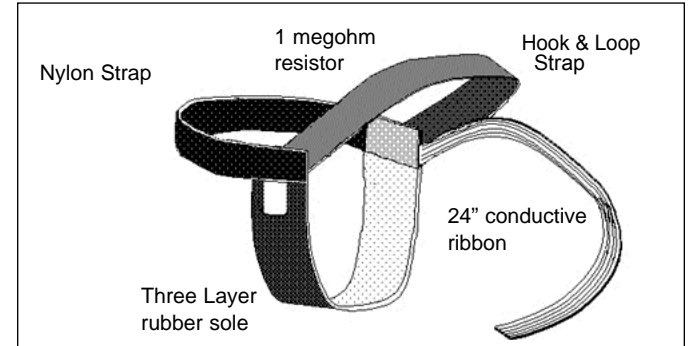
Resistor: 1 megohm
Color: Black
Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.
Hook and Loop: 3/4"
Elastic Strap: Black
Sole Interior: Non-marking
Sole Exterior: $<10^5$ ohms

Part Numbers

HGS1M Standard 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 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

PRODUCT
STANDARD HEEL GROUNDER

ITEM NUMBER
SEE ABOVE

DATASHEET
1124-A

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