

3M™ Heel Grounder

Red Standard Style Heel Grounder with D-Ring

3M improved the standard heel grounder by adding UL listing for safety, lot coding for traceability, and our tough, conductive rubber sole that includes a nylon layer for durability. This grounder also features a D-Ring and elastic hook and loop for full adjustability. Compliance verification is simplified by the bright red elastic strap. 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

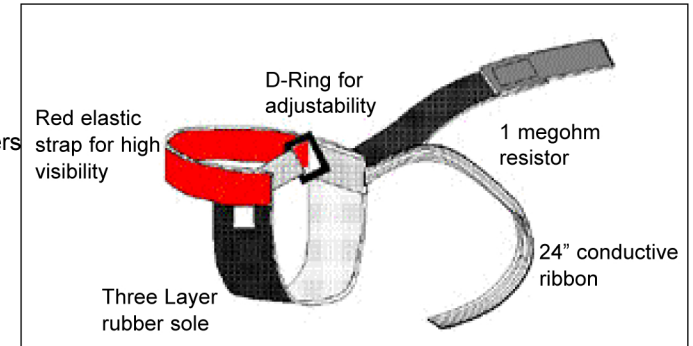
- Resistor: 1 megohm
- Color: Black
- Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.
- Hook and Loop: 3/4"
- Elastic Strap: Red
- Sole Interior: Non-marking
- Sole Exterior: 10^5 ohms

Part Numbers

HGS1MD-RED Red 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 - High Visibility

PRODUCT
RED STANDARD HEEL GROUNDERS

ITEM NUMBER
SEE ABOVE

DATASHEET
1125-B

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