



Per IEC 61340-5-2 paragraph 5.2.8, footwear should be used "where personnel are mobile, in storing areas, operating large machinery, etc., it may be impractical or dangerous to have long cords attached to them." Use for ESD Footwear component when footwear/floor systems are used as the primary means of grounding. Per IEC 61340-5-1 Table 1 NOTE 2 - "When the personnel, the resistance of the combination shall be determined by the ESD co-ordinator, and is recommended to be between 7.5×10^5 ohms and 3.5×10^7 ohms." Note IEC 61340-5-1 paragraph 5.5 EPA working practices, "When the use of a wrist strap system is impractical, the [ESD] floor and [ESD] footwear shall be the primary means of ESD control." And per Paragraph 5.2.4, "When the floor is used as part of a grounding system, a minimum of two feet shall provide a path to EPA ground."

Key:

- A. 2mm thick NON-MARKING solid, three layer, rubber material. Three layers consist of a yellow dissipative outer layer with a textured grain, black conductive inner layer and a yellow dissipative outer layer. Will not mark floors or shoes with black marks.
- B. Nylon, blue ribbon with 8 conductive threads, reversible, may be positioned on either side of foot.
- C. Blue, 20mm non-elastic hook material.
- D. Blue, 20mm stretch loop material for quick and easy attachment to foot.
- E. Patented* one megohm flat "flex" resistor

- Designed to satisfy Footwear requirements of IEC 61340-5.

- $R_g: 1 \times 10^6 < 1 \times 10^8$ ohms per IEC 61340-5-1 Clause A.2.

Specifications:

Rubber Sole

Colour	Yellow
Thickness	2mm \pm 0.13mm
Abrasion	4000 cycles, Tabor H-22, 0.305 gram loss @ 1000 gram test weight

Note:

Two heel straps are recommended for reliable grounding and ESD protection, providing ground when one foot is off the floor.

Operator is grounded when foot is in contact with grounded dissipative or conductive flooring.

Vermason recommends the use of [foot ground testers](#).

For additional information on the use and maintenance of foot grounders please ask for Technical Bulletins [TB-7515](#).

Part No.	Description
249279	Heel Grounder, Non-Marking, 1 Megohm Resistor

Caution: The foot grounder is for ESD control. It will not reduce or increase your risk of receiving electric shock when using or working on electrical equipment.

Specifications and procedures subject to change without notice



Made in the
United States of America

Vermason

NON-MARKING HEEL GROUNDER

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NUMBER:**
249279

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