



### DESCRIPTION:

Properly wearing two Vermason 28352 Heel Grounders on ESD Flooring provides personnel grounding for standing or mobile personnel. The dual layer cup is made from a black conductive layer and a white lining that prevents carbon marks on shoes. These units include a blue tab with carbon suffused fibers and a snap-loc system for quick and easy fastening and removal. Full elastic strap provides maximum "flexing" comfort.

### COMPONENTS:

- A. 1.5 mm thick, 38 mm wide, dual layer, a black conductive exterior with a white non-marking interior. Tab to cup resistance is  $1 \times 10^6$  to  $< 1 \times 10^7$  Ohms.
- B. 9.5 mm wide, 46 cm long blue polyester tab contains electrically conductive carbon suffused fibers.
- C. 19 mm wide blue elastic material for comfort.
- D. 1 megohm, carbon film, 1/4 watt, molded resistor.
- E. Black, snap-loc fastening system.

### Designed to satisfy Footwear limits of EN 61340-5-1

Rg:  $1 \times 10^6$  ohms meets footwear limits of EN61340-5-1 tested per IEC 61340-5-1 Clause A.1

#### Note:

"When the use of a wrist strap system is impractical, the [ESD] floor and [ESD] footwear shall be the primary means of ESD control." [EN 61340-5-1 clause 5.5 EPA working practices]

"Heel and toe grounders should be worn on each foot. If worn improperly, heel and toe grounders become ineffective" [CLC/TR 61340-5-2:2008 User guide Footwear clause 4.7.4.2.1 Heel and toe grounders]

"Where toe and heel straps are used as ESD footwear, once these are worn outside the EPA, particularly on carpets, they are likely to accumulate fluff and become ineffective; this requires that they be checked or replaced on every visit to the EPA [ESD Protected Area]." [EN 61340-5-2:2008 User guide clause 5.2.8 Footwear]

For additional information on the use and maintenance of foot grounders please ask for Technical Bulletins PPE-5006.E or PPE-5011.E.



Made in the  
United States of America

Item #	Description	Farnell Part #
VER-28352	Snap Lock Heel Grounder	3790381

Unless otherwise noted, tolerances are +/- 10%

Special manufactured items are not returnable for credit

Customer Approval	Date

### SNAP LOCK HEELGROUNDER, FARRELL PART# 3790381

# Vermason

VERMASON  
UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH,  
HERTFORDSHIRE, SG6 2TD, UNITED KINGDOM  
PHONE: +44 (0) 1462-672005, FAX: +44 (0) 1462-670440  
E-MAIL: Service@Vermason.co.uk, INTERNET: Vermason.co.uk

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VER-28352

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