



- A. Heel grounders are used for earthing personnel where mobility is required such as in stores areas and where static protective flooring or mats have been installed. Floors with a defined built-in resistance to earth between 1 and 20MΩ are preferred.
- B. Heel grounders generally fit all flat shoes
- C. The conductive parts are two-layer rubber so as not to mark light coloured shoes.
- D. Connection between the operator and floor is achieved by a conductive textile tongue, that passes over the side of the shoe into the shoe itself where contact is made with the stockings foot. Straps are hook and loop Velcro®; hook is 10cm long, loop is 36cm
- E. The rubber grounding strap passes under and around the back of the shoe. It is secured on top of the shoe with a distinctive blue strap.
- F. Velcro closures and elastic back allow for adjustment.
- G. Socks or stockings will not usually insulate the wearer as natural perspiration completes the path and achieves a body to earth resistance of less than 1MΩ. Where the resistance to earth of the floor is less than 1MΩ we recommend the use of heel grounders with a built-in 1MΩ resistor. The resistor is rated at ¼ Watt. Once fitted all heel grounders should be tested with a personnel test station (222518).
- H. Supplied with resistor only.

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 paragraph 5.5 EPA working practices)

"Most people do not stand solidly on both feet, it is important that paths to ground are made in the heel and toe area of both feet. Where toe and heel straps are used as ESID 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.

When ESD footwear is used, it should be noted that ESD footwear alone cannot achieve protection, but needs to be used in conjunction with a suitable ESID floor." (EN 61340-5-2 paragraph 5.2.8 Footwear)

Vermason recommends the use of foot ground tester item No. 222518.

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

Item	Description
248660	Heel Grounder, 1 Megohm resistor, Blue Straps, Bag of 1
248650	Heel Grounder, 1 Megohm resistor, Blue Straps, Bag of 2
248665	Heel Grounder, 1 Megohm resistor, Blue Straps, Bag of 10
248655	Heel Grounder, 1 Megohm resistor, Blue Straps, Bag of 25
248670	Heel Grounder, 1 Megohm resistor, green straps, Bag of 25



Made in Britain

Vermason

Heel Grounder With Elastic Back and Velcro Strap

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

Drawing Number
248660

DATE:
 December 2008