



Made in Britain



- Meets EN 61340-5-1 Foot Grounder limit  $< 3,5 \times 10^7$  ohms tested per IEC 61340-5-1 Clause A.2
- 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 20 Megohm are preferred.
- Heel grounders generally fit all flat shoes
- The conductive parts are two-layer rubber so as not to mark light coloured shoes.
- 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 stockinged foot. Straps are hook and loop; hook is 10cm long, loop is 36cm.
- The rubber grounding strap passes under and around the back of the shoe. It is secured on top of the shoe with distinctive yellow, green, blue or pink straps.
- Hook and Loop closures allow for adjustment.
- 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 1 Megohm. Where the resistance to earth of the floor is less than 1 Megohm we recommend the use of heel grounders with a built-in 1 Megohm resistor. The resistor is rated at  $\frac{1}{4}$  Watt. Vermason recommends the use of a [foot grounder tester](#).
- The double heel cup is made of abrasion resistant neoprene.

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 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.

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 ESD floor.” (EN 61340-5-2 paragraph 5.2.8 Footwear)

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

Item	Description
<a href="#">248555</a>	Heel Grounder, 1 Megohm resistor, Yellow straps, Bag of 2
<a href="#">248560</a>	Heel Grounder, 1 Megohm resistor, Yellow straps, Bag of 25
<a href="#">248525</a>	Heel Grounder, 1 Megohm resistor, Blue straps, Bag of 25

# Vermason

## Heel Grounder With Hook and Loop Straps

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Drawing Number  
**248555**

DATE:  
 December  
 2015