



### Description:

This disposable heel grounder is ideal for outfitting visitors in ESD protected areas. They are not intended for more than 4 hours continuous use. The black conductive strip is bordered by bright yellow colour material providing excellent visibility, assisting in enforcing an ESD control programme. The conductive non-woven nylon strip is held to the heel of the shoe by pressure sensitive adhesive.

Resistance to ground should always be checked before entering an EPA; EN 61340-5 requires that it be less than  $10^8 \text{M}\Omega$ .

*"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)*

*"Where personnel are mobile, in storing areas, operating large machinery, etc., it may be impractical or dangerous to have long cords attached to them. Where personnel are seated, footwear does not form a secure conductive path to ground so the wrist strap approach should be used as the preferred option."*

*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)*

### To Attach:

1. Strip release paper from pressure sensitive adhesive.
2. Insert the non-adhesive end of the heel grounder inside the shoe so that the black dot is in the center of the foot's heel area, facing upwards.
3. Wrap the tape snugly around the outside of the shoe so that the adhesive area adheres to the underside of the heel of the shoe.
4. Step firmly onto pressure-sensitive adhesive and tear off excess material at serration.
5. Check for proper ground connection with the Vermasons Combination Wrist Strap/Footwear Tester or equivalent.
6. One heel grounder should be used on each foot.

Item	Description
249215	Disposable Heel Grounders, Pack of 50

<b>Material:</b>	Yellow non-woven fibrous material
<b>Conductor:</b>	Carbon black
<b>Width:</b>	14mm
<b>Electrical resistance <math>R_p</math> (end-to-end):</b>	$5 \times 10^4$ to $8 \times 10^5$ ohms



Made in Britain

# Vermason

## Disposable Heel Grounders

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