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|-----------------|-------------|---------------------|------------------|-------------|
| <b>Vermason</b> |             | Product Information | No: PIS 068F     |             |
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## HEEL AND TOE GROUNTERS

Code NA... to NP...

Heel and toe 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 greater than 1 megohm are preferred.

Our sturdy grounders fit most shoes. They are available in six different styles, each using a different closure or tying mechanism. The conductive parts are two-layer rubber so as not to mark light coloured shoes. Heel grounders generally fit all flat shoes whilst toe grounders are for use on shoes with raised heels. Connection between the operator and floor is achieved by a conductive textile tongue, approximately 36 cm long that passes over the side of the shoe into the shoe itself where contact is made with the stockinged foot. The rubber grounding strap passes under and around the back of the shoe in heel grounders and under the front of the shoe with toe grounders. It is secured on top of the shoe with distinctive yellow, green or pink straps. Velcro closures or elastic straps 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 ¼ Watt.

| <b>Vermason Code</b> |   | <b>Farnell Part No</b> | <b>Unit</b> |
|----------------------|---|------------------------|-------------|
| NA0YVP               | Heel grounders, yellow, without resistor                    | 354-7929               | pair        |
| NA1YVP               | Heel grounders, yellow, with 1 megohm resistor              | 354-7905               | pair        |
| NA0PVP               | Heel grounders, pink, without resistor                      | 681-179                | pair        |
| NA1PVP               | Heel grounders, pink, with 1 megohm resistor                | 354-7917               | pair        |
| NA1BVP               | Heel grounders, blue, with 1 megohm resistor                | 335-8380               | pair        |
| NE1BVP               | Heel grounders, blue, elasticated Velcro, 1 megohm resistor | 168-348                | pair        |
| NN0BVP               | Toe grounders, blue, without resistor                       | 355-0047               | pair        |
| NN1BVP               | Toe grounders, blue, with 1 megohm resistor                 | 168-361                | pair        |
| NP1BVP               | Toe grounders, large cup, blue, with 1 megohm resistor      | 355-0059               | pair        |
| NP0BVP               | Toe grounders, large cup, blue, without resistor            | 355-0060               | pair        |

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