



Designed to meet the EN 61340-5-1 footwear requirements tested per IEC 61340-4-3

Key:

- A. Two layer rubber material. Material consists of a layer which provides a nonmarking interior surface that will not blemish shoes and a black conductive layer that provides for rapid and safe dissipation when used in conjunction with the safety resistor.
- B. Non-marking interior.
- C. 61cm long 8 strand grey nylon polyester grounding tab.
- D. One megohm current limiting resistor.
- E. Hook and loop fastening assembly.
- F. Elastic material for comfort.



Item	Description
70030	Heel grounder, 1 megohm resistor

- **Designed to satisfy Footwear requirements of IEC 61340-5.**
- **Rg: 10E6 - 10E7 ohms**

Note:

Charleswater recommends the use of foot ground tester item No. [99004](#).

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

Unless otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice.

“Highly mobile personnel are almost impossible to ground with a wrist strap. In these cases an alternative grounding method may be necessary in combination with wrist straps.

One such alternative grounding method is through the foot and footwear to ESD control flooring or mats. There are a wide variety of footwear grounding devices available.” [CLC/TR 61340-5-2:2008 User guide clause 4.7.4 Footwear]

“Heel and toe grounders should be worn on each foot. If worn improperly, heel and toe grounders become ineffective. ... It is important that the conductive ribbon has good electrical contact with the person’s body through direct contact with the person’s skin or by connection through the person’s socks.” [CLC/TR 61340-5-2:2008 User guide Footwear clause 4.7.4.2.1 Heel and toe grounders]



Wescorp Heel Grounder

CHARLESWATER LTD.
 UNIT 17, MILLBROOK BUSINESS PARK, SYBRON WAY
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
 PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838
 INTERNET: Charleswater.co.uk

Drawing Number
 70030.E

DATE:
 October
 2010