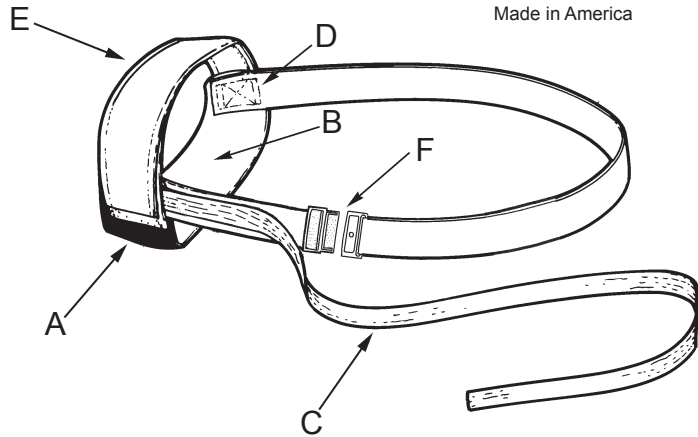




Made in America



Unless otherwise noted, tolerance  $\pm 10\%$   
Specifications and procedures subject to change without notice.

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 clause 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 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 [ESD Protected Area].

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 clause 5.2.8 Footwear]

**Key:**

- A. Two layer rubber material. Material consists of a layer which provides a non-marking 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. 30cm long 8 strand grey nylon polyester grounding tab.
- D. One megohm current limiting safety resistor.
- E. Hook and loop fastening assembly.
- F. Snap-loc fastening assembly.

Item	Description
<a href="#">70031</a>	Toe grounder, 1 meg resistor

- Designed to satisfy Footwear requirements of EN 61340-5-1 tested per IEC 61340-4-3 and EN 61340-5-1-1 clause A.2.
- $R_g$ : 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](#).



**Wescorp Toe Grounder**

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Drawing Number  
70031.E

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