



Designed to meet the EN 61340-5-1 footwear requirements tested per IEC 61340-4-3. Per IEC 61340-5-2 paragraph 5.2.8, footwear should be used "where personnel are mobile, in storing areas, operating large machinery, etc., it may be impractical or dangerous to have long cords attached to them."

Key:

- A. 1.5mm thick, 38mm wide, dual layer, a black conductive exterior with a white non-marking interior. Tab to cup resistance is $10^6 - 10^7$ ohms.
- B. 9.5mm wide, 46cm long blue polyester tab contains electrically conductive carbon suffused fibres.
- C. 19mm wide blue elastic material for comfort.
- D. One megohm, carbon film, 1/4 watt, moulded resistor.
- E. Black, snap-loc fastening system.



listed. Lot coded for quality traceability.

Item	Description
70050	Heel Grounder with Snap-loc, 1 Megohm resistor

"For standing operations, personnel can be grounded via a wrist strap system or by a footwear-flooring system. When a footwear-flooring system is used, personnel shall wear ESD footwear on both feet and the two following conditions shall be met:

- the total resistance of the system (from the person, through the footwear and flooring to ground) shall be less than $1,0 \times 10^9 \Omega$;
- the maximum body voltage generation shall be less than 100 V."

[IEC 61340-5-1 Clause 5.3.3 Personnel Grounding]

"Heel and toe grounders are used for employees and visitors in an ESD controlled area. Heel and toe grounders should be worn on each foot. If worn improperly, heel and toe grounders become ineffective. Heel grounders can easily lose contact with the floor and therefore, may require more monitoring than other types of footwear. 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 User guide clause 4.7.4.2.1 Heel and toe grounders]

For additional information on the use and maintenance of foot grounders, please download Technical Bulletin [TB-7515](#).

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

Specifications and procedures subject to change without notice.



Made in the United States of America

Heel Grounder with Snap-Loc

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