



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. 1.50mm thick, two-layer laminated, rubber sole. Brown inner layer is insulative neoprene.
- B. Nylon, blue ribbon, 76mm long with 8 conductive threads, reversible, may be positioned on either side of foot.
- C. Blue, 20mm non-elastic hook material.
- D. Blue, 20mm stretch loop material, for quick and easy attachment to foot.

- Designed to satisfy Footwear requirements of IEC 61340-5.
- **R_g**: 10⁶ - 10⁷ Ohms.

Note:

Two heel straps are recommended for reliable grounding and ESD protection, providing ground when one foot is off the floor. Operator is grounded when foot is in contact with grounded dissipative or conductive flooring. Charleswater Europe 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.

Item No.	DESCRIPTION
70004	Foot Ground, Heel, 1 megohm resistor

Caution: The foot grounder is for ESD control. It will not reduce or increase your risk of receiving electric shock when using or working on electrical equipment.

	Brown Layer	Black Layer	Test Method
Electrical Properties:			
Charge Decay		less than 0.01 sec.	FTMS 101C, Method 4046
Surface Resistivity		10 ³ Ohms	ASTM-D257
R _g w/1 megohm resistor		10 ⁶ Ohms max.	EOS/ESD-S4, 100v
RTT		10 ⁵ Ohms max.	
Specifications:			
Abrasion	800 cycles	3000 cycles	ASTM-D3389, Method B
Hardness	70 Shore A	70 Shore A	ASTM-D2240
Elongation	25%	25%	ASTM-D412
Tensile	1500psi	1500psi	ASTM-D412



Foot Ground, Heel, Adjustable

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Drawing Number
 70004.E

DATE:
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