



Vermason 249260 Heel Grounder meets the limits of EN 61340-5-1 tested per IEC 61340-4-3 and or Compliance Verification IEC 61340-5-1 Clause A.2. Per EN 61340-5-1 clause 5.3.2 Personnel grounding, "For standing operations, personnel can be grounded via a wrist strap system or by a flooring-footwear system."

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, to be placed in shoe under 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 EN 61340-5-1**
- **Rg: < 1 x 10E7 ohms**

Note:

"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]



Item	Description
249260	Foot Ground, Heel, 1 megohm resistor

	Brown Layer	Black Layer	Test Method
Electrical Properties: Charge Decay Surface Resistance Rp-p w/1 megohm resistor RTT		less than 0.01 sec. < 1 x 10E5 ohms < 1 x 10E7 ohms 10E5 ohms max.	FTMS101C, Method 4046 IEC 61340-4-3 IEC 61340-4-3
Specifications: Abrasion Hardness Elongation Tensile	800 cycles 70 Shore A 25% 1500 psi	3000 Zyklen 70 Shore A 25% 1500 psi	ASTM-D3389, Method B ASTM-D2240 ASTM-D412 ASTM-D412

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. Operator is grounded when heel grounder is in contact with grounded dissipative or conductive flooring

Unless otherwise noted, tolerance is ±10%

Specifications and procedures subject to change without notice.

Vermason

Foot Ground, Heel, Adjustable

VERMASON
UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH,
HERTS, SG6 2TD UK
PHONE: +44 (0) 1462-672005, FAX: +44 (0) 1462-670440
E-MAIL: Service@Vermason.co.uk, INTERNET: Vermason.co.uk

DRAWING NUMBER
249260

DATE:
June
2011