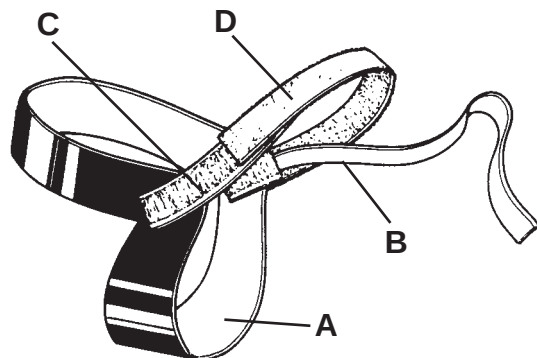




Description:

The 70040 Foot Grounders are specifically designed to identify operators who work in RoHS lead-free areas. They provide a continuous ground path between an operator and a properly grounded ESD protected flooring. These foot grounders are designed for use on standard shoes. They can be easily adjusted to fit most individuals. Desco's foot grounders have a lining that prevents carbon marks on shoes. Foot grounder model 70040 has a discrete one megohm resistor built into the contact strip. The product has been tested to ESD STM97.2 - Floor Materials and Footwear Voltage Measurement in Combination with a Person. It is a suitable ESD footwear component in Flooring - Footwear System when used as the primary grounding method ($<3.5 \times 10^7$ ohms per ESD STM 97.1 Floor Materials and Footwear-Resistance Measurement in Combination with a Person.)

Components:

- A. 0.152 cm thick, two-layer laminated rubber heel. Inner layer is green neoprene, and outer black layer is conductive neoprene.
- B. 0.952 cm wide, 76.2 cm long grey nylon ribbon contains 8 electrically conductive carbon suffused fibers, reversible, may be positioned on either side of foot.
- C. 0.952 cm wide green genuine "non-selvedged" Velcro® non-elastic hook material.
- D. 0.952 cm wide green genuine "non-selvedged" Velcro® stretch loop material, for quick and easy attachment to foot.

 listed for safety and date coded.

Tab to cup resistance:
10E6 Ohms @ 100 volts



Notes:

"When the use of a wrist strap system is impractical, the [ESD] floor and [ESD] footwear shall be the primary means of ESD control. When the floor is used as part of a grounding system, a minimum of ... two feet shall provide a path to EPA ground." (EN 61340-5-1 paragraph 5.2.4 & 5.5)

"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 Paragraph 5.2.8 Footwear)

"When the footwear/floor systems are used as the primary means of grounding personnel, the resistance of the combination shall be determined by the ESD co-ordinator, and is recommended to be between 7.5×10^5 ohms and 3.5×10^7 ohms." (EN 61340-5-1 paragraph 5.2.8 "Table 1 NOTE 2")

ITEM

70040

DESCRIPTION

Foot Ground, Heel, 1 megohm resistor, RTG: 10E6 Ohms

Our UL listed foot grounders are rated at 250 VAC. It is not recommended to use them where exposure to line voltages above 250 VAC is possible. **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.



Made in America

FOOT GROUND, HEEL, LEAD-FREE AREA

CHARLESWATER

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DATE:
7/06