



Description:

The 24010 premium series heel grounder provides effective and economical ESD protection. The dual layer cup is made from a black conductive layer and a white lining that prevents carbon marks on shoes. These units include a blue tab with carbon suffused fibers and a D-ring fastening system. These units are UL listed. The product has been tested to ESD STM 97.2 - 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. 0.060" thick, 1.50" wide, dual layer, a black conductive exterior with a white non-marking interior.
- B. 3/8" wide, 30" long blue polyester tab contains eight (8) electrically conductive carbon suffused fibers.
- C. 3/4" wide, blue loop material with return hook tip for quick and easy adjustment and wearer's comfort.
- D. 3/4" wide blue elastic material stretches for comfort.
- E. D-ring fastening system.
- F. A 1/4 watt, 1 megohm blue molded resistor or 2 megohm black molded resistor.

Tab to cup resistance:

24010 - $10^6 - 10^7$
 24010 - $10^6 - 10^7$

ITEM NO.	DESCRIPTION
24010	Heel Grounder, 1 megohm resistor, 30" tab
24040	Heel Grounder, 2 megohm resistor, 30" tab

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.

ESD Systems.com recommends the use of 41203, 41205, 41220/41213, and 41220/41226 foot ground testers. Ask for Tech Briefs PS-2057 and PS-2094.

For additional information on the use and maintenance of foot grounders please ask for Tech Brief PS-2030.

No silicone is used in the materials that make our foot grounders.

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 Grounder, Heel, Conductive, D-Ring, Non-Marring



ESD SYSTEMS.COM
 432 NORTHBORO ROAD CENTRAL
 MARLBORO, MA 01752 USA
 TEL. (508) 485-7390 FAX (508) 480-0257



Visit our online
 library of Tech Drawings:
<http://www.esdsystems.com>

DRAWING NUMBER
 TD-24010

DATE
 3/05