



Listing #90P1

Description:

The 17270, 17271, and 17272 Foot Grounders provide contact with the ESD floor both under the foot's sole as well as the heel area, providing a more continuous and reliable path-to-ground. These foot grounders are easier to install than most foot grounders and are designed for use on standard shoes. The snug, reliable fit can be easily adjusted to fit the individual wearer. These foot grounders are made from non-marring three layer high visibility yellow reversible static dissipative rubber with a black conductive inner layer. The 17270, 17271, and 17272 are all 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 inch thick non-marring, solid, three layer, rubber material. Three layers consist of a yellow dissipative outer layer with a black conductive inner layer, and a yellow dissipative outer layer. Will not mar floors or shoes with black marks.
- B. 3/8" wide, 18" long blue nylon ribbon contains 8 electrically conductive carbon suffused fibers, reversible, may be positioned on either side of foot.

 listed for safety and date coded.

Tab to floor contact point:

$>7.5 \times 10^5$ and $<1.0 \times 10^7$ ohms resistance when measured per ESD SP9.2

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.

*U.S. Patent Number 5,786,977

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter and limited warranty on-line at Desco.com.

Item	Description
17270	Foot Grounder, 1 Megohm Resistor, Small
17271	Foot Grounder, 1 Megohm Resistor, Medium
17272	Foot Grounder, 1 Megohm Resistor, Large

Full Coverage Non-Marring Foot Grounder

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**DRAWING
NUMBER**
17270

DATE:
August
2008

DESCO