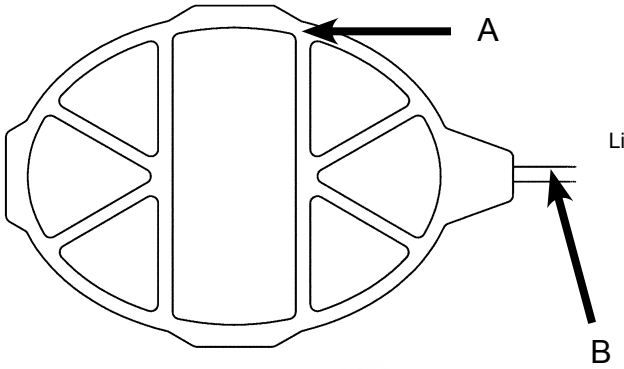


Listing #90P1



Made in America

Unless noted, tolerances ± 1/4"

Description:

The 17270, 17271, 17272, and 17273 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, 17272, and 17273 are all UL listed. It is a suitable ESD footwear component in Flooring - Footwear System meeting ANSI/ESD S20.20 when used as the primary grounding method. It meets <3.5 x 10E7 ohms per ANSI/ESD STM 97.1 Floor Materials and Footwear-Resistance Measurement in Combination with a Person, and significantly under <100 volts tested per ANSI/ESD STM 97.2 - Floor Materials and Footwear Voltage Measurement in Combination with a Person

Components:

A. 0.060" thick (± 0.005) 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. Lot coded for quality traceability.

Specifications

Tab to floor contact point: >7.5 X 10E5 and <1.0 X 10E7 ohms resistance when measured per ESD SP9.2

	Outer Layer	Test Method
Abrasion:	5000 cycles	ASTM-D-3389 Method B
Hardness:	65 Shore A	ASTM-D-2240
Tensile PSI (min):	3000lbs.	ASTM-D-412

Item No.	Description	Recommended Shoe Size (Men)	Recommended Shoe Size (Women)
17270	Small	6-7	6-8
17271	Medium	7-9	8-10
17272	Large	9-12	10-12
17273	XLarge	13+	13+

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.

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.

Specifications and procedures subject to change without notice. U.S. Patent Number 5,786,977

Full Coverage Non-Marring Foot Grounder

DESCO

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DRAWING NUMBER 17270

DATE: June 2010

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