

SI-237

ESD Sole Grounder Specifications



PRODUCT DESCRIPTION: The SI-237 full sole foot grounder provides a continuous path of conductivity between the technician and a properly functioning ESD floor or floor mat, thus creating optimal elimination of technician generated static electricity. Unlike normal

ESD heel straps that provide a mere 1.5 inches of contact, and only at the heel, our SI-237 [covers both the heel and entire ball of the footwear](#) which insures complete contact throughout the entire walking motion of the technician.

The sole pattern is made of a lightly textured black mar resistant carbon loaded vinyl conductive outer layer which provides maximum slip resistance and conductivity. The inner layer (that contacts the shoe) is made from a white mar resistant vinyl that prevents marks on shoes. The SI-237 is designed to fit a multitude of footwear including boots, sneakers and street shoes. These units include a Velcro hook and loop fastening system for easy adjustment of the tension over the toe and ankle portion of the shoe and an elastic strap that self-adjust the tension of the strap length. This product is RoHS compliant and has been tested to ESD STM 97.2 - Floor materials and Footwear Voltage Measurements in Combination with a Person. Our SI-237 full sole foot grounder is an outstanding ESD Footwear component for use as the primary grounding method for ESD STM 97.1 Flooring-Footwear System-Resistance Measurement in Combination with a Person when used with static conductive flooring and matting (<3.5E07).



figure 1

LEGEND

A	White non marring inner layer
B	1 inch Heavy duty D Ring
C	Velcro hook and loop (7/8" wide strap)
D	Velcro hook and loop (7/8" wide strap)
E	1 inch Heavy duty D ring
F	19" conductive polyester ribbon with 1 meg ohm resistor (standard)
G	3/4" Elastic adjustment

RoHS 3 compliant