

FSG1M

Front Sole Grounder

This grounder provides improved floor contact by covering ball of the foot with conductive rubber. Two D-Ring 's and a clasp provide a comfortable and secure fit. This quality grounder is tested for electrical performance and is lot numbered for QC traceability. SCC uses time-tested construction techniques including computer controlled stitching, riveting, die cutting, and heat cutting to ensure consistent performance.

Standards

Meets the requirements of ANSI/ESD S-20.20, EIA 625, MIL-STD-1686, and MIL-HDBK-263.

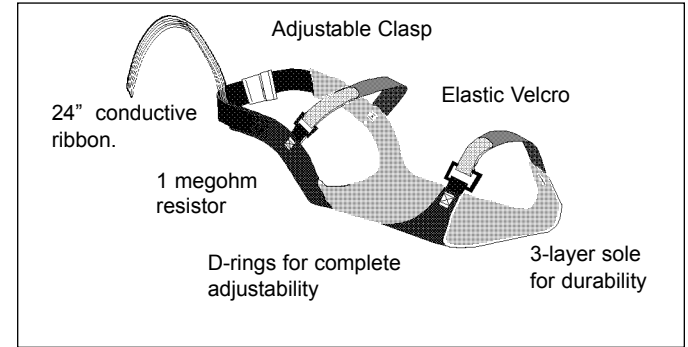
Specifications

- Resistor: 1 or 2 megohm
- Color: Black
- Ribbon: Multi-strand, carbon suffused nylon on polyester, sewn in sinusoidal pattern to provide side to side conductivity.
- Velcro: 3/4" Black
- D-Ring: 2
- Elastic Strap: 3/4" Black with clasp
- Sole Exterior: $<10^5$ ohms

Part Numbers

- FSG1M-S Small Front Sole Grounder, 1 meg resistor
- FSG1M-M Medium Front Sole Grounder, 1 meg resistor
- FSG1M-L Large Front Sole Grounder, 1meg resistor
- FSG2M-S Small Front Sole Grounder, 2 meg resistor
- FSG2M-M Medium Front Grounder, 2 meg resistor
- FSG2M-L Large Front Sole Grounder, 2meg resistor

See SCC Data Sheets for these related items:
Foot Grounder Tester
Floor Mats



How Foot Grounders Work

Foot grounders discharge static from a person to ground by connecting the person to a grounded walking surface. A conductive ribbon placed inside the wearer's shoe or sock makes electrical contact with the skin through perspiration. The ribbon is joined to a resistor which limits current should accidental exposure to electricity occur. The other end of the resistor is joined to a conductive sole. This sole contacts a grounded ESD floor mat or ESD flooring system. Foot grounders must be worn on both feet to maintain ground contact while walking.

P R O D U C T D A T A S H E E T

Front Sole Grounder

PRODUCT
FRONT SOLE GROUNDER

ITEM NUMBER
SEE ABOVE

DATASHEET
1170-A



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