



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



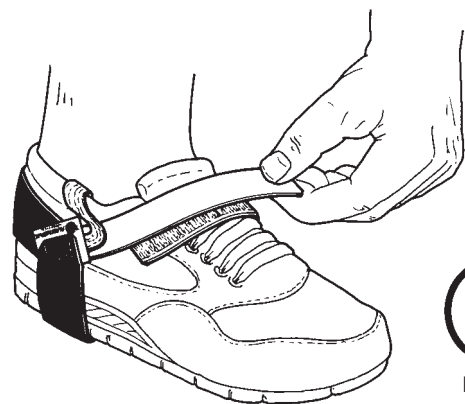
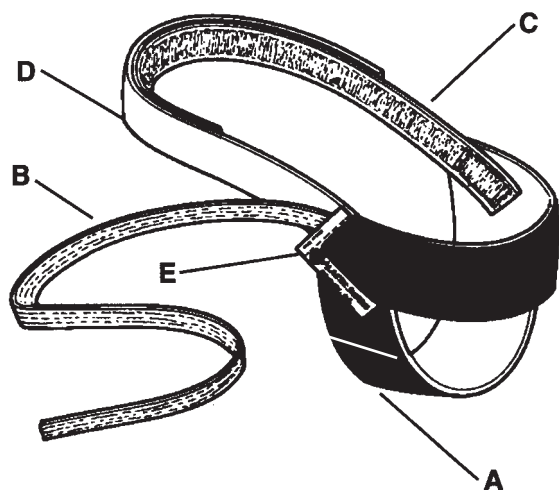
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Note:

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 95402, 95403, 95407, and 95410 foot ground testers. Ask for Tech Brief TB-5500.

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.

Description:

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 (3.5×10^7 ohms per ESD STM 97.1 Floor Materials and Footwear-Resistance Measurement in Combination with a Person.)

Key:

- A. 0.060" thick, 1.5" wide, two layer laminated, rubber sole. Grey colored inner layer is insulative styrene-butadienne-rubber. Outer black colored layer is conductive styrene-butadienne rubber.
- B. Black grounding polyester ribbon tab, 18" long with 8 conductive carbon nylon strands, two-sided reversible, may be positioned on either side of foot.
- C. Burgundy 3/4" non-elastic Velcro® hook material.
- D. Burgundy 3/4" elastic Velcro® loop material for comfort and easy attachment to foot.
- E. Label-Resistor Tab Assembly.



Properties	Non-Marring Inner Layer	Burgundy Outer Layer	Test Method
Electrical Properties:			
Charge Decay	<math><0.01</math> sec.	<math><0.01</math> sec.	FTMS-101C, Method 4046
RTG tab to cup resistance with 1 meg resistor	<math><10</math> megohm	<math><10</math> megohm	ESD S4.1 @ 10 Volts
Physical Properties:			
Abrasion, 100 grams, 4000 cycles	1.010 grams loss	.48 grams loss	ASTM-D3389 Method B
Hardness	65 ± 5 Shore A	65 ± 5 Shore A	ASTM-D2240

ITEM NO.	DESCRIPTION
24720	Heel Grounder, 1 megohm resistor
24724	Heel Grounder, 2 megohm resistor

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, Standard, 1 Megohm Resistor



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

DRAWING NUMBER
TD-24720

DATE
7/06