



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Made in the  
United States of America



## Description

stat-A-REST™ Foot Grounders provide contact with ESD flooring providing a more continuous and reliable path-to-ground to remove electrostatic charges. stat-A-REST™ are easier to install than most foot grounders, designed to be used on standard shoes placing the grounding tab in the shoe under the foot. It is a suitable ESD footwear component in a Footwear / Flooring System meeting the ANSI/ESD S20.20 required limits  $< 1 \times 10^9$  ohms (footwear) per ESD SP9.2 and ESD TR53 and Footwear / Flooring requirements of  $< 3.5 \times 10^7$  ohms per ANSI/ESD STM97.1 and  $< 100$  volts per ANSI/ESD STM97.2.

## Components

- A. Non-Marring Thermoplastic Elastomer (TPE)
- B. 30 Inch Conductive 8-Strand Nylon Polyester Grounding Tab
- C. Size molded on bottom of unit

## Electrical Properties

Property	Test Method	Value
Point to Groundable	ANSI/ESD STM97.1, ESD SP9.2, ESD TR53	$< 1 \times 10^9$ ohms
Point Resistance:		

See independent test lab report [here](#).

## Specifications

Item	<a href="#">SAR-S</a>	<a href="#">SAR-M</a>	<a href="#">SAR-L</a>	<a href="#">SAR-XL</a>
Size	Small	Medium	Large	XLarge
Length	9.5"	10.25"	11"	11.75"
Width	3.25"	3.75"	4.375"	4.625"
Shoe Size Women	5-8	8.5-10.5	11-13.5	13.5+
Shoe Size Men	4-6	6.5-8.5	9-12	12.5-14.5
Shoe Size EU	35-38	39-43	44-46	46-48

Sold in pairs

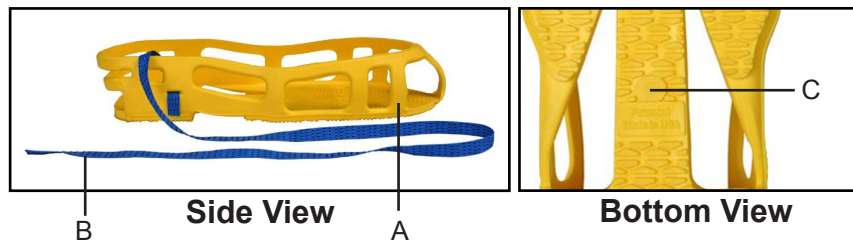
Specifications and procedures subject to change without notice.

### stat-A-REST™ FOOT GROUNDERS

926 JR Industrial Drive, Sanford, NC 27332  
WEB SITE: [StaticControl.com](http://StaticControl.com)  
PHONE (919) 718-0000

DRAWING  
NUMBER  
SAR-S

DATE  
July  
2015



### RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2014/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See [SCS Warranty, Limitation of Liability and Remedies](#)

"All personnel shall be bonded or electrically connected to the grounding / equipotential bonding system when handling ESDS [ESD sensitive] items. ...For standing operations, personnel shall be grounded via a wrist strap or by a footwear/flooring system." [ANSI/ESD S20.20 section 8.2 Personnel Grounding]

"If the contact area between the bottom of the foot and the floor is not continuous, charge generation may occur; especially when a person is walking. Heel straps must be worn on both feet to minimize the amount of time that the body of the person is isolated from ground while walking." [ESD Handbook ESD TR20.20 section 5.2.3 Flooring-Footwear System]

\*Patent US008189318B2

Unless otherwise noted, tolerance +/- 10%

# SCS