



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

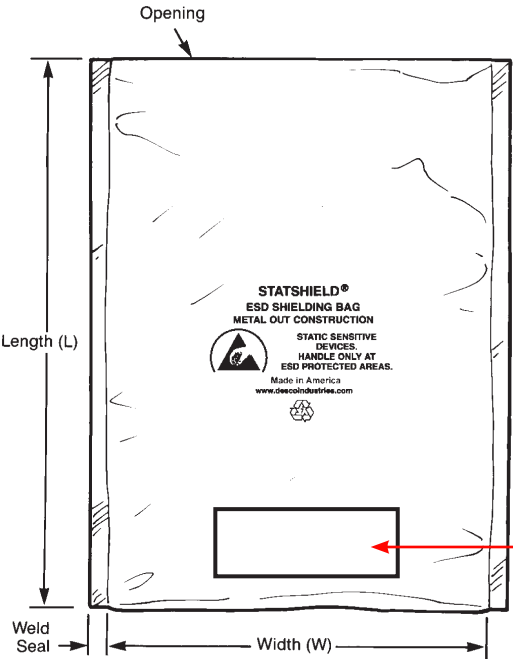
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

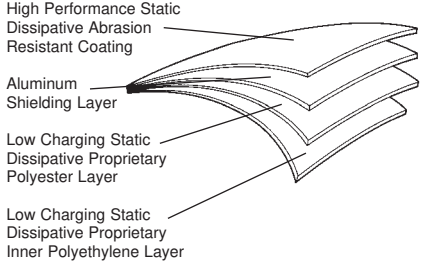
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# STATSHIELD® METAL-OUT SERIES



Side Weld Seals 3/8 in. (±0.10)



**Mixed Unsortable Plastic Scrap**  
 Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades  
**Descos bags are recyclable**

**Specifications:**

**Electrical Properties**

Surface Resistance:  
 Outer Surface <10E8 ohms  
 Inner Surface <10E11 ohms  
 Static Shielding <25 nJ  
 Charge Generation (nC/in<sup>2</sup>) Teflon: -0.03  
 Quartz: +0.10  
 Capacitance Probe (to dissipate 1 KV) <30 volts

**Typical Values**

<10E8 ohms  
 <10E11 ohms  
 <25 nJ  
 Teflon: -0.03  
 Quartz: +0.10  
 <30 volts

**Test Procedures/Method**

ANSI/ESD STM11.11  
 ANSI/ESD STM11.11  
 ANSI/ESD STM11.31, EIA 541  
 Modified Incline Plane  
 Modified Incline Plane  
 ANSI/EIA-541/Appendix E, 1kV Discharge

**Physical Properties:**

Bag Thickness:  
 Thickness Nominal .0030" (.0762mm) ±10%  
 Width (Inside Dimensions) Nominal -0" / + .125"  
 Length (Inside Dimensions) Nominal ± .125"  
 Light Transmission 40% (Tobias)  
 Tensile 9000 PSI  
 Puncture Resistance >10 lbs  
 MVTR 0.40  
 Heat Seal >10 lbs/in.  
 Outgassing Pass  
 Non-corrosive Pass

Nominal .0030" (.0762mm) ±10%  
 Nominal -0" / + .125"  
 Nominal ± .125"  
 40% (Tobias)  
 9000 PSI  
 >10 lbs  
 0.40  
 >10 lbs/in.  
 Pass  
 Pass

MIL-STD-3010, 1003  
 ASTM D-1003  
 ASTM D882  
 MIL-STD-3010, 2065  
 ASTM F-1249  
 375°F, 1/2 sec 60 psi  
 ASTM E595  
 MIL-STD-3010, M3005

**Chemical Properties**

Corrosion: No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel  
 Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

Bag is free of amines, N-octanoic acid, silicones, and heavy metals.

**ANSI/ESD S541 Section 6.2 Outside an EPA**

"Transportation of sensitive products outside of an EPA shall require packaging that provides:  
 1. Low charge generation  
 2. Dissipative or conductive materials for intimate contact  
 3. A structure that provides electrostatic discharge shielding."

**RoHS and REACH Compliance Statement**  
 None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at [Descos.com](http://Descos.com).

The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20.  
 Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.



Made in the United States of America

Specifications and procedures subject to change without notice.

**STATSHIELD® BAG, SHIELDING, METAL-OUT CONSTRUCTION, .0030" (.0762mm)**

**DESCO WEST:** 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Descos.com](http://Descos.com)  
 PHONE (909) 627-8178 FAX (909) 627-7449  
**DESCO EAST:** ONE COLGATE WAY, CANTON, MA 02021-1407  
 PHONE (781) 821-8370 FAX (781) 575-0172

**DRAWING NUMBER**  
 13010

**DATE:**  
 October 2011

