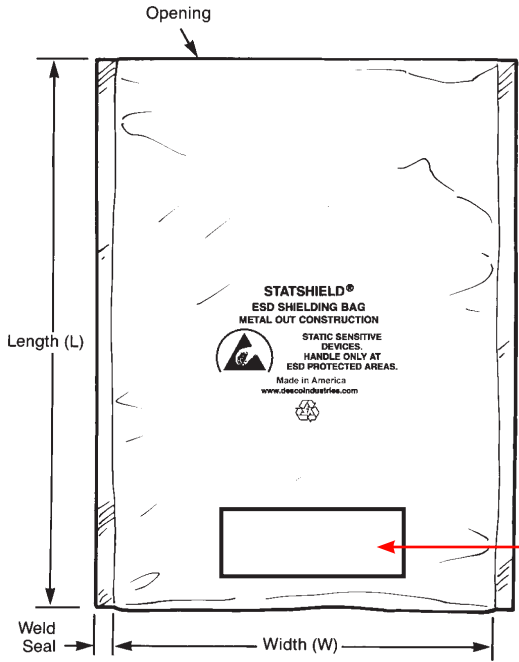
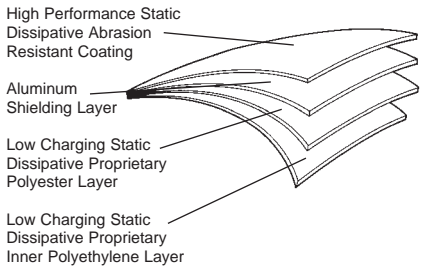


# STATSHIELD® METAL-OUT SERIES



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  
**Desco's bags are recyclable**

**Specifications:**

**Electrical Properties**

Surface Resistance:  
 Outer Surface  
 Inner Surface  
 Static Shielding  
 Charge Generation (nC/in<sup>2</sup>)

**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  
 Width (Inside Dimensions)  
 Length (Inside Dimensions)  
 Light Transmission  
 Tensile  
 Puncture Resistance  
 MVTR  
 Heat Seal  
 Outgassing  
 Non-corrosive

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 [Desco.com](http://Desco.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)**

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 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

