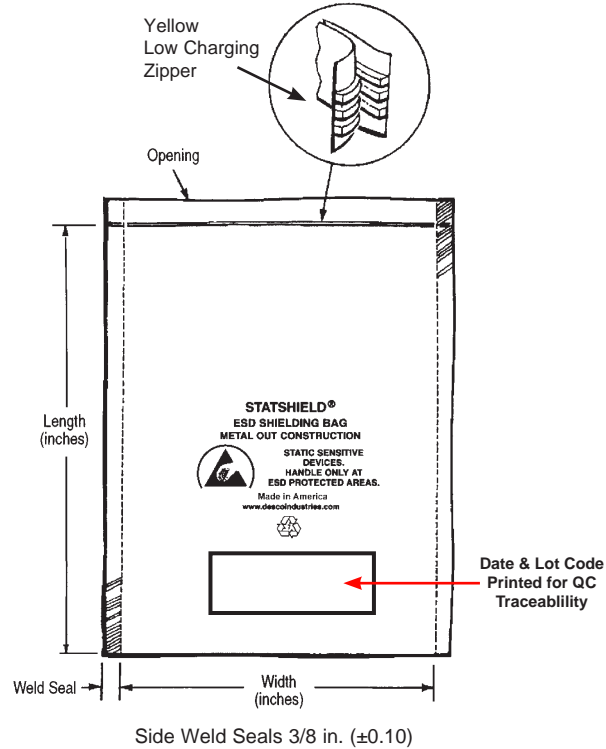
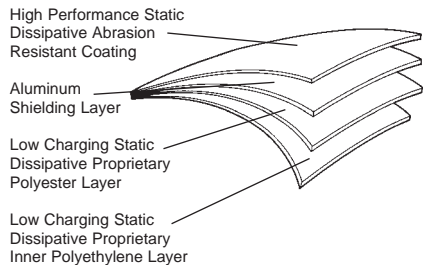


# STATSHIELD® METAL-OUT SERIES



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**

Statshield® bags are packaged 100 per package in an oversized shielding bag. Shelf life of bags is minimum one year in normal indoor storage conditions.

## 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

### 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

### 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, 1 kV Discharge

### 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.

Specifications and procedures subject to change without notice.



Made in the United States of America

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

# DESCO

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**DRAWING NUMBER**  
13205

**DATE:**  
October 2011