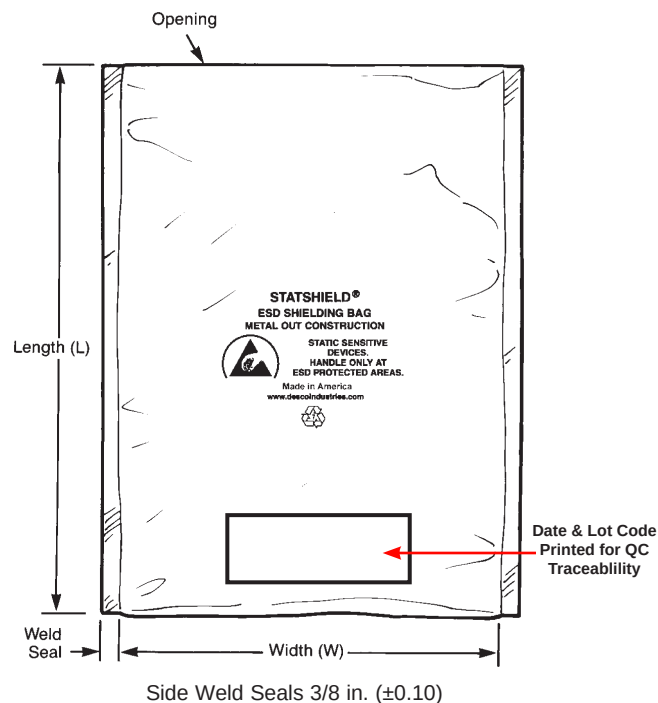


#### Mixed Unsortable Plastic Scrap

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.

# DESCO

## STATSHIELD® METAL-OUT SERIES



### 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

#### 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.

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