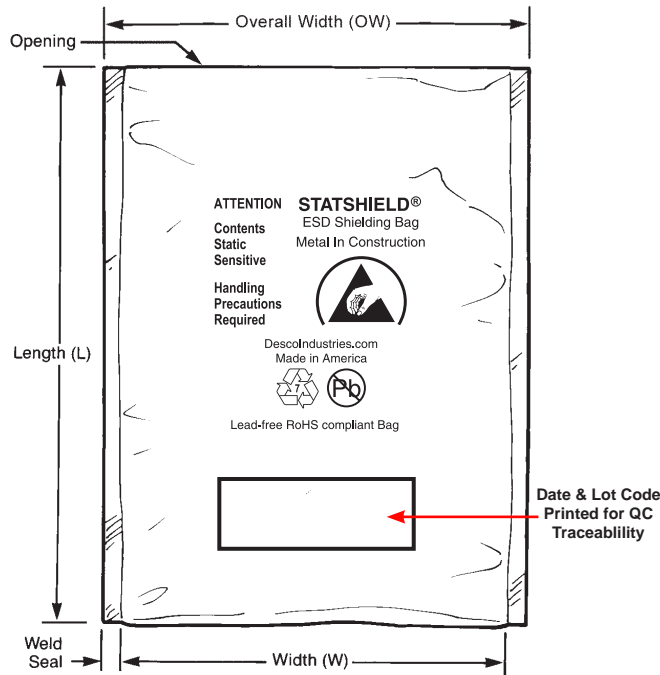
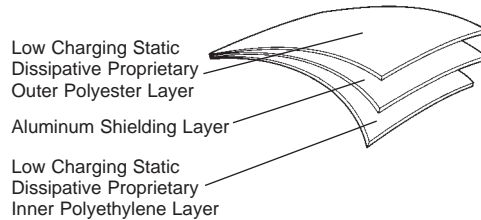


# STATSHIELD® METAL-IN SERIES



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  
Inner Surface  
Static Shielding  
Charge Generation

### Typical Values

<10E11 ohms  
<10E11 ohms  
<25 nJ  
Teflon: 0.09 nC/sq. in.  
Quartz: 0.01 nC/sq. in.  
<30 volts

### Test Procedures/Method

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

Capacitance Probe (to dissipate 1 KV)

### Physical Properties

Bag Thickness:

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

Nominal .0030" (.0762mm) ±10%  
Nominal -0" / + .125"  
Nominal ± .125"  
>40% (Tobias)  
>10 lbs/in  
9000 PSI  
>10 lbs  
<0.40  
<6.1  
Pass  
Pass

MIL-STD-3010, 1003  
ASTM D-1003  
375°F, 1/2 sec 60 psi  
ASTM D882  
MIL-STD-3010, 2065  
FTMS 101C/2065  
ASTM D-1434  
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.

\*Film made in USA or Malaysia

## STATSHIELD® BAG, SHIELDING, METAL-IN 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  
13405

DATE:  
October  
2011

# DESCO