



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

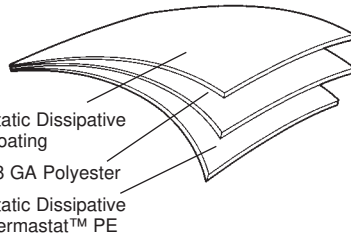
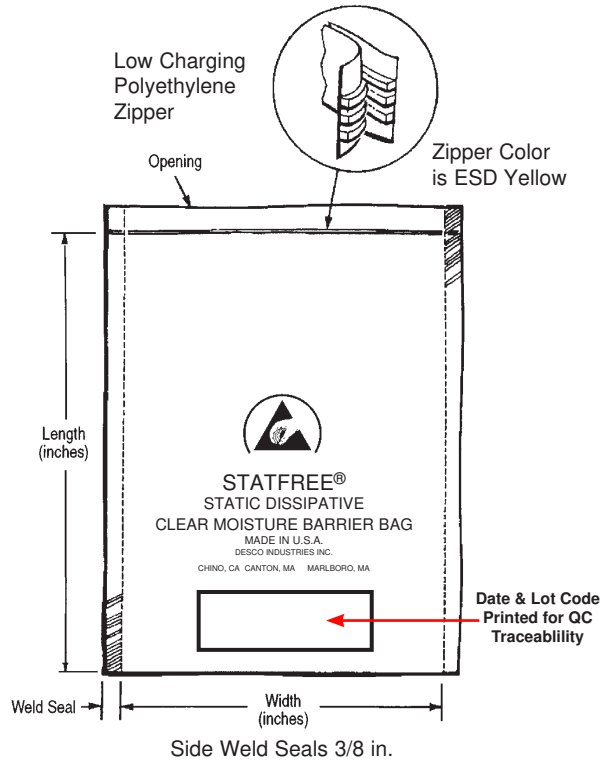
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# STATFREE® ESD ULTRA CLEAR BAG



### 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:  
(both surfaces @ 50%RH)  
Charge Generation:  
Teflon  
Quartz

### Typical Value

<10E11 ohms  
-0.10 (nC/in<sup>2</sup>)  
+0.10 (nC/in<sup>2</sup>)

### Test Procedures/Method

ANSI/ESD STM11.11  
Modified Incline Plane  
Modified Incline Plane

### Physical Properties:

Thickness  
Tensile Strength  
Puncture Res.  
Heat Seal  
Light Transmission  
MVTR

Nominal .0035" (.0889mm) ±10%  
>5,300 (MD/TD, psi)  
>25 lbs  
>8 (lbs/in)  
>90 (%)  
0.35

MIL-STD-3010, 1003  
ASTM D-882  
MIL-STD-3010, 2065  
375°F, .75 sec 60 psi  
STM D-1003  
ASTM F-1249

### Chemical Properties

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.

## STATFREE® ESD ULTRA CLEAR BAG, .0035" (.0889mm)

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PHONE (909) 627-8178 FAX (909) 627-7449

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**DRAWING  
NUMBER**  
13880

**DATE:**  
October  
2011

# DESCO