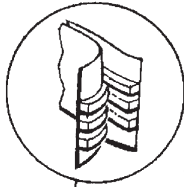




## STATFREE® ESD ULTRA CLEAR BAG

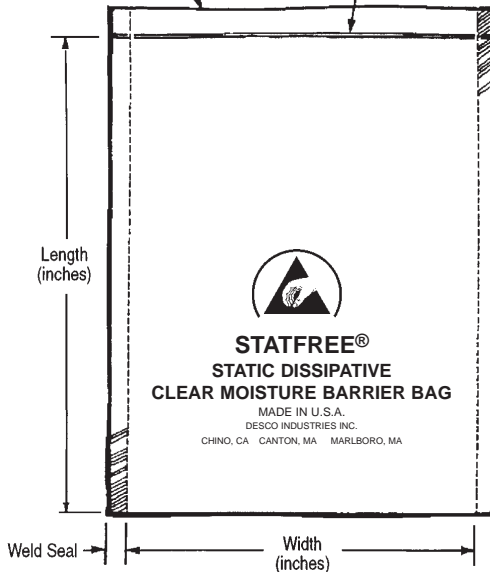
### Specifications:

Low Charging Polyethylene Zipper



Zipper Color is ESD Yellow

Opening



Side Weld Seals 3/8 in.

#### A fundamental ESD control principle (see ANSI/ESD S20.20 Foreword):

ESD susceptible items should be transported and stored outside an Electrostatic protected Area enclosed in low charging, static shielding protective packaging.

Statshield® bags are packaged 100 per package in an oversized shielding bag rather than a cardboard box. Therefore, our bags are not exposed to water vapors that will degrade the metallized shielding layer. Our bags have an additional layer of barrier protection because of our packaging.

See Bag Selection Chart and other useful packaging information at [Desco.com](http://Desco.com)



Made in America

#### Electrical Properties

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

#### Typical Value

<10<sup>11</sup> ohms  
-0.10 (nC/in<sup>2</sup>)  
+0.10 (nC/in<sup>2</sup>)

#### Test Procedures/Method

ANSI/ESD S11.11  
Modified Incline Plane  
Modified Incline Plane

#### Physical Properties

Thickness  
Tensile Strength  
Puncture Res.  
Tear Strength  
Heat Seal  
Seam Strength  
Burst Strength  
Light Transmission  
Abrasion Res  
MVTR

Nominal .0035" (.0889mm) ±10% ASTM D-2103  
>5,300 (MD/TD, psi) ASTM D-882  
>25 lbs FTMS 101C/2065  
100 grams/mil (lbs) ASTM F1249-90  
>8 (lbs/in) 375°F, .75 sec 60 psi  
Pass Mil-PRF-81705D  
>50 psi FTMS 101-C, 2065.1  
>90 (%) ASTM D-1003  
>100 (cycles) Sutherland Abr (.0000 steel wool)  
0.35 ASTM F-1249

#### Chemical Properties

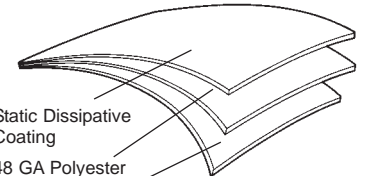
Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.



#### 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**



Static Dissipative Coating  
48 GA Polyester  
Static Dissipative Permastat™ PE

The bag's material meets the performance specification requirements of Mil-PRF-81705D, Type II. Bag is free of amines, amides, N-octanoic acid, and heavy metals.

Statshield®, Statfree®, and Faraday® are Registered Trademarks of Desco Industries Inc.

#### RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at [Desco.com](http://Desco.com).

# DESCO

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

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**  
13880

**DATE:**  
January  
2009