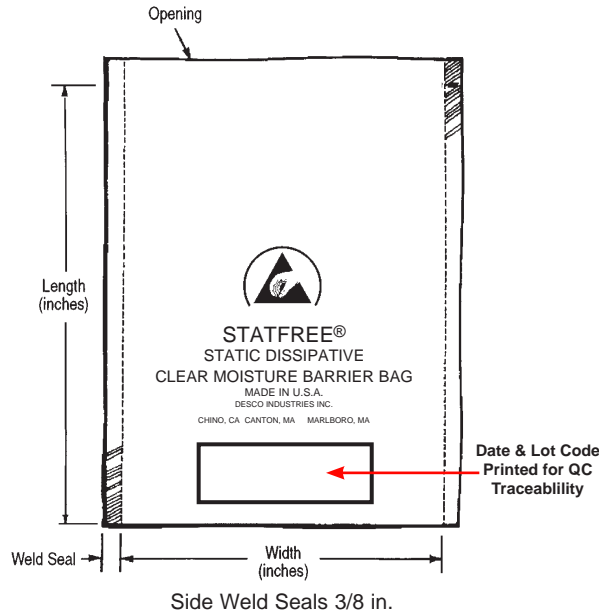


# STATFREE® ESD ULTRA CLEAR BAG



## Specifications:

### Electrical Properties

Electrical Properties	Typical Value
Surface Resistance: (Interior and Exterior)	< 1 x 10 <sup>11</sup> ohms
Charge Generation:	
Teflon	-0.10 (nC/in <sup>2</sup> )
Quartz	+0.10 (nC/in <sup>2</sup> )

### Test Procedures/Method

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

### Physical Properties:

Thickness	Nominal .0035" (.0889mm) ±10%	MIL-STD-3010, 1003
Width (Inside Dimensions)	Nominal -0" / + .125"	
Length (Inside Dimensions)	Nominal ± .125"	
Light Transmission	>90 (%)	STM D-1003
Heat Seal	>8 (lbs/in)	375°F, .75 sec 60 psi
Tensile Strength	>5,300 (MD/TD, psi)	ASTM D-882
Puncture Res.	>25 lbs	MIL-STD-3010, 2065
MVTR	0.35	ASTM F-1249

### Chemical Properties

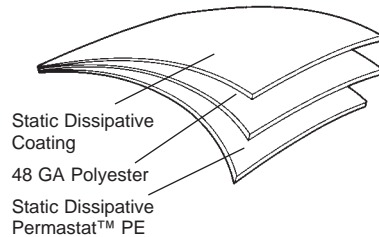
Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

Bag is free of amines, N-octanoic acid, silicones and heavy metals.

### ANSI/ESD S541 Section 6.1 Inside an EPA

"Packaging used within an EPA (that satisfies the minimum requirements of ANSI/ESD S20.20) shall be:

- Low charge generation
- Dissipative or conductive materials for intimate contact



### RoHS 2 and REACH Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2012/12/19 are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE.

See Desco [Limited Warranty at Desco.com](http://www.Desco.com).



### 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.

Meets ANSI/ESD S20.20 and Packaging standard ANSI/ESD S541 tested per ANSI/ESD STM11.11

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)

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](http://Desco.com)  
PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
PHONE (781) 821-8370

**DRAWING NUMBER**  
13878

**DATE:**  
July  
2013

# DESCO

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