



## STATFREE® ESD ULTRA CLEAR BAG

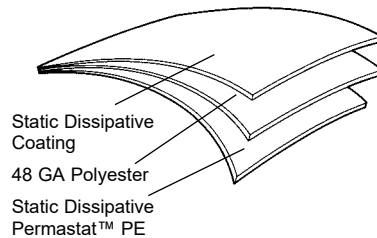
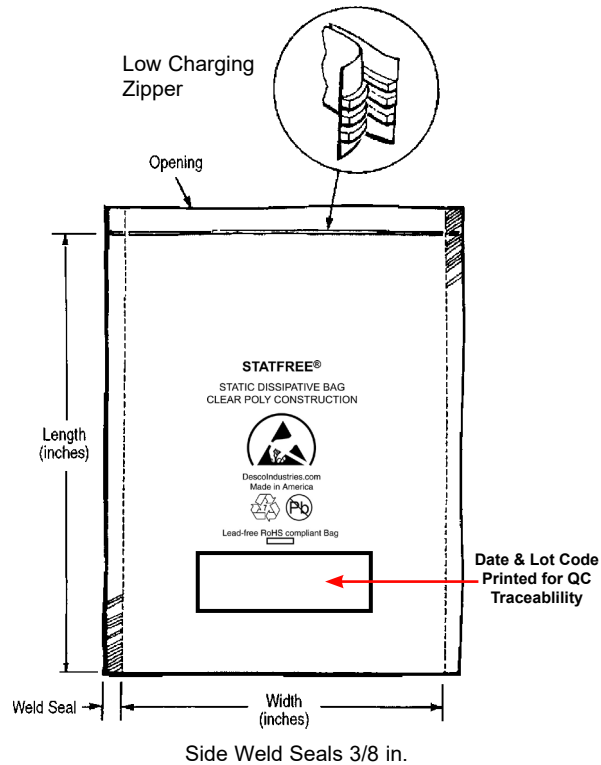
Meets the required limits of ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and Static Control Bag standard ANSI/ESD S11.4 Level 5.

### Specifications:

Electrical Properties	Typical Value	Test Procedures/Method
Surface Resistance: (Interior and Exterior)	$1 \times 10^4$ to $< 1 \times 10^{11}$ ohms	per ANSI/ESD STM11.11
Charge Generation: Teflon	-0.10 (nC/in <sup>2</sup> )	Modified Incline Plane
Quartz	+0.10 (nC/in <sup>2</sup> )	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 Resistance	>14 lbs	MIL-STD-3010, 2065
Silicone	Not detected	FTIR
MVTR	0.35	ASTM F-1249



#### 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.  
See Shielding Bag Storage at [TB-7057](#).

#### 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, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2016/06/20, or Conflict Minerals 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](#).

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.  
See Bag Selection Chart Click [HERE](#).



Made in the  
United States of America

Specifications and procedures subject to change without notice.

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

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

**DRAWING  
NUMBER**  
13880

**DATE:**  
August  
2016

# DESCO