

STATFREE® ESD ULTRA CLEAR BAG



Specifications:

Standard Document	Meets Requirements of	Required Values	Testing Method
ANSI/ESD S20.20	Dissipative Packaging	$\geq 1.0 \times 10^4$ to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
ANSI/ESD S541	Dissipative Material	$\geq 1.0 \times 10^4$ to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11

Electrical Properties	Typical Values*	Min-Max Range	Testing Method
Surface Resistance - Interior	3.74×10^9 ohms	$\geq 1.0 \times 10^4$ to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	1.06×10^{10} ohms	$\geq 1.0 \times 10^4$ to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11

Physical Properties	Typical Values	Testing Method
Thickness	Nominal .0035" (.0889 mm) $\pm 10\%$	MIL-STD-3010, 1003
Width (Inside Dimensions)	Nominal -0" / + .125"	
Length (Inside Dimensions)	Nominal $\pm .125$ "	
Transparency	>90 (%)	Tobias
Seal Strength	>8 (lbs/in)	ASTM D-882
Tensile Strength	>5,300 (MD/TD, psi)	ASTM D-882
Puncture Resistance	>14 lbs	MIL-STD-3010, 2065

Chemical Properties

Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.
Bag is free of Amines, N-Octanoic Acid, Silicones and heavy metals.

* Typical values are based on the mean qualification test values/ Actual measurements may vary. Please review the qualifications report for all data points.

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, REACH and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:

<https://www.descoindustries.com/pdf/Regulatory.pdf>

See the Desco Limited Warranty:

[Desco.descoindustries.com/Limited-Warranty.aspx](https://www.descoindustries.com/Limited-Warranty.aspx)

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

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Made in the
United States of America

Specifications and procedures subject to change without notice.

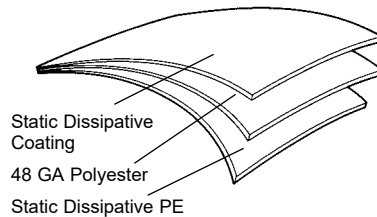
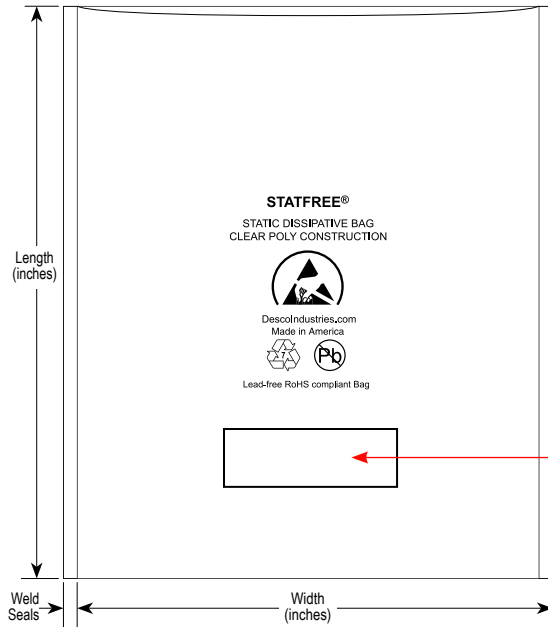
STATFREE® ESD ULTRA CLEAR BAG, .0035" (.0889mm)

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

**DRAWING
NUMBER**
13878

DATE:
May
2026



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

Statfree® bags are packaged 100 per package in an oversized shielding bag.
Shelf life of bags is minimum one year in normal indoor storage conditions.

DESCO