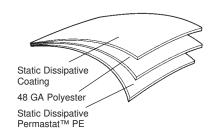
# Opening Length (inches) STATFREE® STATIC DISSIPATIVE CLEAR MOISTURE BARRIER BAG Date & Lot Code Printed for QC Traceablility



Width (inches)

Side Weld Seals 3/8 in.

### 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.



## STATFREE® ESD ULTRA CLEAR BAG



# **Specifications:**

Electrical Properties	Typical Value	Test Procedures/Method
Surface Resisitance: (Interior and Exterior)	< 1 x 10 <sup>11</sup> ohms	Per ANSI/ESD STM11.11
Charge Generation:		
Teflon	-0.10 (nC/in <sup>2</sup> ) +0.10 (nC/in <sup>2</sup> )	Modified Incline Plane
Quartz	+0.10 (nC/in <sup>2</sup> )	Modified Incline Plane

# **Dhysical Proportios**:

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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.

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.



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: July 2013