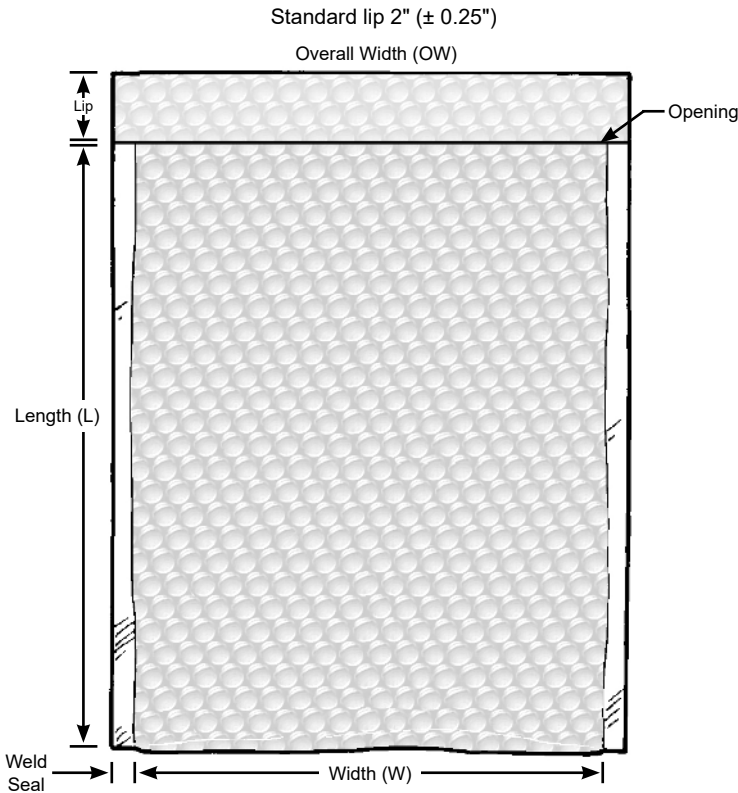


# CUSHIONED BUBBLE STATIC SHIELDING BAG



## Specifications:

### Static Control Properties

Packaging Materials for ESD Sensitive Items  
Static Control Bag - Level 3

### Electrical Properties

Surface Resistance:

Outer Surface

Inner Surface

Discharge Shielding

### Typical Values

$1 \times 10^4$  to  $< 1 \times 10^{11}$  ohms

$1 \times 10^4$  to  $< 1 \times 10^{11}$  ohms

$< 20$  nJ

### Physical Properties

Material Thickness:

Thickness

Seal Strength

Puncture Resistance

Nominal 0.150" (3.8mm)  $\pm 10\%$

$> 7$  lbs/in

$> 20$  lbs

### Cleanliness

Silicone

Not detected

### Chemical Properties

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

## Meets Requirements of:

ANSI/ESD S541 (ANSI/ESD S20.20)  
ANSI/ESD S11.4

## Test Procedures/Method

ANSI/ESD STM11.11

ANSI/ESD STM11.11

ANSI/ESD STM11.31, EIA 541

MIL-STD-3010, 1003

375°F, 1/2 sec 60 psi

MIL-STD-3010, 2065

ASTM E 168

### ANSI/ESD S541 Section 6.2 Outside an EPA

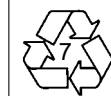
"Transportation of sensitive products outside of an EPA shall require packaging that provides:

1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

This product is intended for commercial use only. This product is not the Qualified Product Listing under the Defense Standardization Program.

### RoHS 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, or REACH substances of very high concern as of 2015/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Directive 2011/65/EC Article 4.1. and Regulation (EC) No. 1907/2006/CE. See Desco Industries Inc. [Limited Warranty at 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**



Made in the United States of America

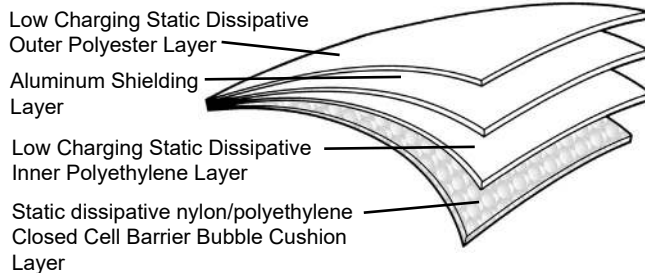
## Tolerances:

Width -0, +1/4"

Length  $\pm 1/4$

Offset 0 to 1/4"

Seal width 3/8",  $\pm 1/8$



Specifications and procedures subject to change without notice.

# CUSHIONED BUBBLE STATIC SHIELDING BAG

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**DRAWING NUMBER**  
12810

**DATE:**  
April 2016

# DESCO