

## Shielding Bubble Bags

### Specifications:

#### Electrical Properties

Surface Resistance:  
 Outer Layer  
 Inner Layer  
 Static Decay  
 Discharge Shielding  
 Charge Generation

#### Typical Values

< 1 x 10<sup>11</sup> ohms  
 < 1 x 10<sup>11</sup> ohms  
 <0.2s  
 <50nJ  
 Teflon: -0.03 nC/in<sup>2</sup>  
 Quartz: +0.10 nC/in<sup>2</sup>

#### Test Procedures/Method

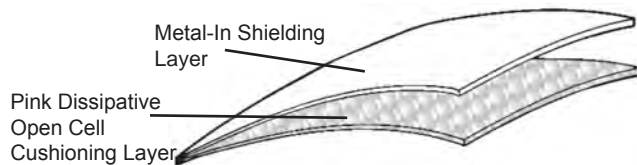
ANSI/ESD STM11.11  
 ANSI/ESD STM11.11  
 MIL-STD-3010 4046  
 ANSI/ESD STM11.31  
 Modified Incline Plane  
 ESD ADV 11.2-1995

#### Physical Properties

Thickness:  
 Polyester  
 Antistatic PE  
 Bubble properties  
 Diameter  
 Height  
 Tensile strength  
 Puncture resistance  
 Transparency  
 MVTR

13 micron  
 60 micron  
 10mm  
 5mm  
 >15lbs/in<sup>2</sup>  
 >25lbs  
 >15%  
 <0.2g @ 100°F

ASTM D2103  
 ASTM D2103  
 N/A  
 N/A  
 ASTMD882  
 FTMS 10001C  
 ASTM D-1003-77  
 ASTM F 1249



Item	Size (W x L)
<a href="#">12800</a>	4" x 5", 10 Pack
<a href="#">12801</a>	6" x 8", 10 Pack
<a href="#">12802</a>	8" x 11", 10 Pack
<a href="#">12803</a>	9" x 12", 10 Pack
<a href="#">12804</a>	12" x 17", 10 Pack
<a href="#">12805</a>	15" x 17", 5 Pack
<a href="#">12806</a>	18" x 22", 5 Pack
<a href="#">12807</a>	12" x 11", 10 Pack
<a href="#">12808</a>	18" x 15", 5 Pack
<a href="#">12809</a>	14" x 15", 10 Pack

#### Per ANSI/ESD S541 section 6.2 Outside an EPA

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

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

#### RoHS 2 and REACH Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern 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](#).



Made in the United Kingdom

Tolerance: 1/4 inch ±  
 Specifications and procedures subject to change without notice.

## Statshield® Shielding Bubble Bags

# DESCO

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**DRAWING NUMBER**  
 12800

**DATE:**  
 January  
 2013