# STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG

**Specifications:**

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<th>Standard Document</th>
<th>Meets Requirements of:</th>
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<td>ANSI/ESD S541 (ANSI/ESD S20.20)</td>
<td>ESD Protective Packaging</td>
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<td>ANSI/ESD S11.4</td>
<td>Level 2 except MVTR</td>
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**Electrical Properties**

- **Surface Resistance**
  - (both exterior and interior)
  - Typical Values: $1 \times 10^4$ to $< 1 \times 10^{11}$ ohms

- **Discharge Shielding**
  - Typical Values: $< 10$ nJ

- **Static Shielding**
  - Typical Values: 20 volts

- **Charge Generation**
  - Typical Values: -0.09 nC/sq. in.
  - Typical Values: +0.10 nC/sq. in.

**Physical Properties**

- **Film Thickness**
  - Typical Values: Nominal 6.5mil (.17mm) ±10%

- **Width (Inside Dimensions)**
  - Typical Values: Nominal -0" / + 1/4"

- **Length (Inside Dimensions)**
  - Typical Values: Nominal +/-.1/8"

- **Opening Offset**
  - Typical Values: 0" to 1/4"

- **Puncture Strength**
  - Typical Values: >30 lbs

- **Heat Seal Strength**
  - (Vetrod bar sealer)
  - Typical Values: >11 (lb/in width)

- **Seal Strength**
  - Typical Values: >12 PSI

- **MVTR**
  - Typical Values: ≤0.014/g/100sq.in/24hours

- **Silicone**
  - Typical Values: Not detected

- **Non-corrosive**
  - Typical Values: Pass

- **Marking Adhesion**
  - Typical Values: Pass

**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.”

**RoHS, REACH and Conflict Minerals, Statement**

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement: DescoIndustries.com/ROHS3.aspx

See the Desco Limited Warranty: DescoIndustries.com/Limited-Warranty.aspx

**Notes:**

- The complete dry package concept of packaging for electronics requires three elements:
  - Statshield® Moisture Barrier Bags - To Protect
  - Dessicant - To Absorb Moisture
  - Humidity Indicator Card - To Monitor Performance

For detailed instructions see Technical Bulletin TB-2031 - Moisture Barrier Bags Application Instructions.

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc. See Bag Selection Chart Click HERE.

**Made in the United States of America**

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**STATSHIELD® HIGH PUNCTURE, MOISTURE BARRIER BAG, 6.5MIL (0.17mm)**

**DRAWING NUMBER**

13760

**DATE:**

February 2020

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