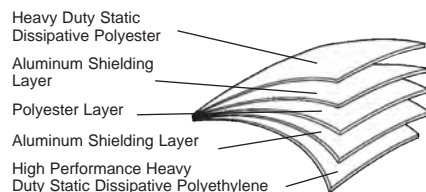
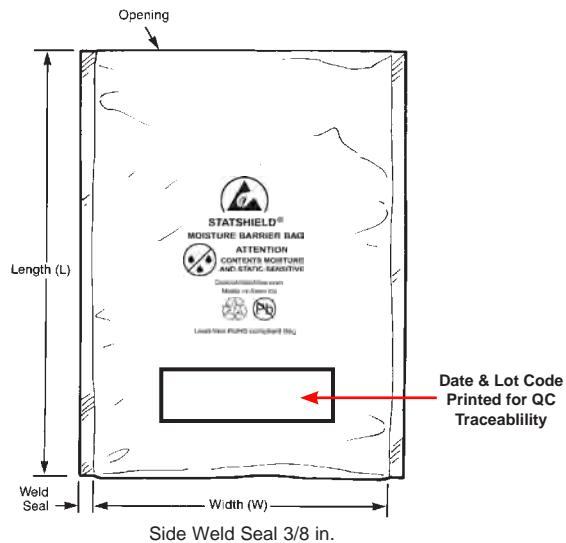




# STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG

Meets the required limits of ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and Static Control Bag standard ANSI/ESD S11.4-2012 Level 2.



## Specifications:

### Electrical Properties

Surface Resistance (both exterior and interior)  
 Discharge Shielding  
 Static Shielding  
 Charge Generation  
 Teflon  
 Quartz

### Typical Values

< 1 x 10<sup>11</sup> ohms  
 <10 nJ  
 20 volts  
 -0.09 (nC/in<sup>2</sup>)  
 +.10 (nC/in<sup>2</sup>)

### Test Procedures/Method

ANSI/ESD STM11.11  
 ANSI/ESD STM11.31  
 EIA 541  
 Modified incline plane  
 Modified incline plane

### Physical Properties

Thickness  
 Puncture Strength  
 Heat Seal Strength (Vetrod bar sealer)  
 Seal Strength  
 MVTR  
 Silicone and Amine content  
 Contact Corrosion

Nominal 0.0065" (.1651mm) ±10%  
 >30 lbs  
 >11 (lb/in width)  
 >12 PSI  
 ≤0.014g/100sq.in/24hours  
 Not detected  
 No evidence of corrosion, pitting, or etching of material  
 Pass

MIL-STD-3010, 1003  
 MIL-STD-3010, 2065  
 ASTM D1876-93  
 ASTM D882  
 ASTM F1249  
 ASTM E168  
 FTMS 101C, Method 3005  
 MIL-STD-3010, M3005

Non-corrosive

### Chemical Properties

Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

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

**NOTE:** 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.

### 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 2 and REACH Compliance Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2013/06/20 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](#).

The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20.

Statshield® and Staffree® are Registered Trademarks of Desco Industries Inc. See Bag Selection Chart Click [HERE](#).



Made in the United States of America

Statshield® bags are packaged 100 per package in an oversized shielding bag. See [Shielding Bag Storage at TB-7057](#).

Specifications and procedures subject to change without notice.

## STATSHIELD® HIGH PUNCTURE, MOISTURE BARRIER BAG, 0.0065" (0.1651mm)

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DRAWING NUMBER  
13760

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