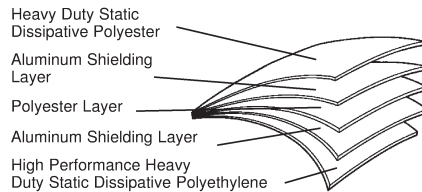
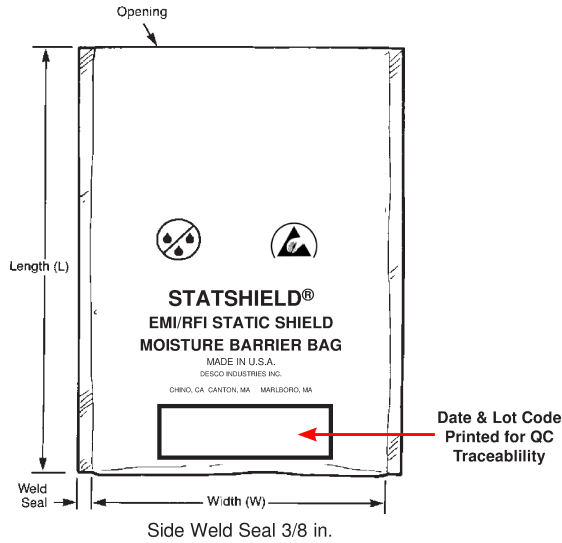


# STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG



**NOTE:** The complete dry package concept of packaging for electronics requires three elements:

MOISTURE BARRIER BAG - To Protect  
DESICCANT - To Absorb Moisture  
INDICATOR - To Monitor Performance

For detailed instructions see Technical Bulletin [TB-2031](#) "Application Instructions for Moisture Barrier Bags."

#### DESICCANT PACK INFORMATION

Desiccant packs meet MIL-D-3464. Packs meet Type I and Type II criteria for dust-free packaging. RULE-OF-THUMB - use 1/2 unit for every 45 square inches of bag area.

<a href="#">13840</a>	1/2 unit	Box of 700
<a href="#">13843</a>	1 unit	Box of 450
<a href="#">13844</a>	1 unit	Pail of 300
<a href="#">13850</a>	1/2 unit	Pail of 550

#### HUMIDITY MONITOR INFORMATION

[13860](#) Humidity Monitor. Can of 100 2" x 3" blotting paper cards that indicate 10, 20, 30 and 40% relative humidity with a color comparison bar. Meets MIL-I-8835.

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.**

## Specifications:

### Electrical Properties

Surface Resistivity  
(both surfaces @ 12%RH)  
Static Shielding  
Static Shielding  
Charge Generation  
Teflon  
Quartz

### Typical Values

<10E12 ohms  
<10 nJ  
20 volts  
-0.09 (nC/in<sup>2</sup>)  
+.10 (nC/in<sup>2</sup>)

### Test

ANSI  
ANSI  
EIA  
Mod  
Mod

### Physical Properties

Thickness  
Puncture Strength  
Heat Seal Strength  
(Vetrod bar sealer)  
Heat Seal  
MVTR  
Contact Corrosion

Nominal .0065" (.1651mm) ±10%  
>30 lbs  
>11 (lb/in width)  
325 (60 PSI @ 3 sec dwell) (°F)  
≤0.005/100sq.in/24hours  
No evidence of corrosion,  
pitting, or etching of material  
Pass

MIL-  
MIL-  
AST  
AST  
FTM  
MIL-

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.

### 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 and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are included in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation 1907/2006. See Desco Industries Inc. Limited Warranty at [Desco.com](#).

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

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.

### Distributed by:

#### All-Spec Industries

5228 US Hwy 421 N  
Wilmington, NC 28401

[www.all-spec.com](http://www.all-spec.com)  
[sales@all-spec.com](mailto:sales@all-spec.com)

PH: 800-533-3333  
FX: 800-333-3333

Specifications and procedures subject to change without notice.

## STATSHIELD® HIGH PUNCTURE, MOISTURE BARRIER BAG

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](#)  
PHONE (909) 627-8178 FAX (909) 627-7449

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
PHONE (781) 821-8370 FAX (781) 575-0172

