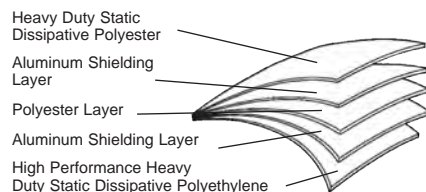
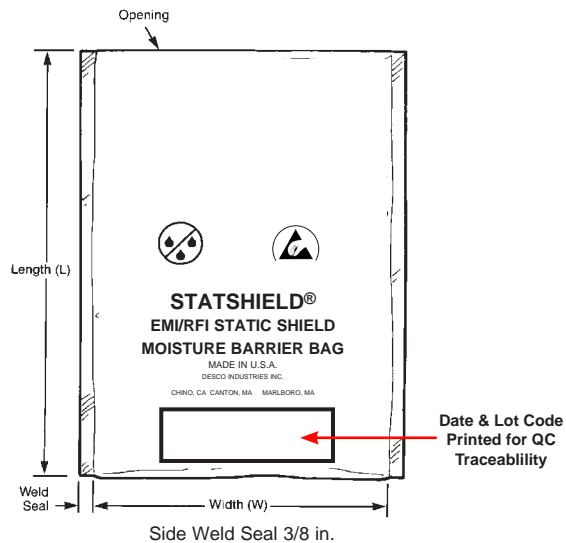




STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG

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 10¹¹ ohms
 <10 nJ
 20 volts
 -0.09 (nC/in²)
 +.10 (nC/in²)

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)
 Heat Seal
 Seal Strength
 MVTR
 Silicone and Amine content
 Contact Corrosion

Nominal .0065" (.1651mm) ±10%
 >30 lbs
 >11 (lb/in width)
 325 (60 PSI @ 3 sec dwell) (°F)
 >12 PSI
 ≤0.014/g/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 1249-90
 FTIR
 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.

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

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.

13840	1/2 unit	Box of 700
13843	1 unit	Box of 450
13844	1 unit	Pail of 300
13850	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. See [Shielding Bag Storage at TB-7057](#).

Specifications and procedures subject to change without notice.

STATSHIELD® HIGH PUNCTURE, MOISTURE BARRIER BAG, .0065" (.1651mm)

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PHONE (781) 821-8370

DRAWING NUMBER
13760

DATE:
August
2013

DESCO