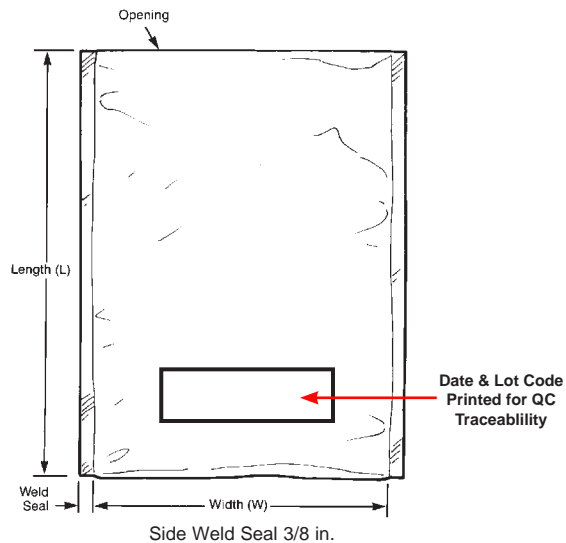




STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG

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.



- Heavy Duty Static Dissipative Polyester
- Aluminum Shielding Layer
- Polyester Layer
- Aluminum Shielding Layer
- High Performance Heavy Duty Static Dissipative Polyethylene

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)
 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](#).

Specifications and procedures subject to change without notice.

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](#).

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

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DRAWING NUMBER
13760

DATE:
November
2013

DESCO