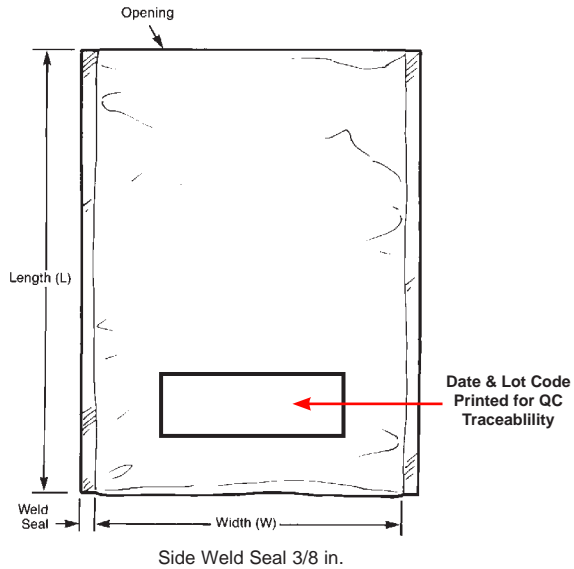


STATSHIELD® STANDARD MOISTURE BARRIER BAG



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 Polyethylene

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.

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 0.0035" (.0889mm) ±10%
>20 lbs

>11 (lb/in width)
>12 PSI
≤0.02/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 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.

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 Statfree® 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® STANDARD, MOISTURE BARRIER BAG, 0.0035" (0.0889mm)

DESCO

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DRAWING NUMBER
13806

DATE:
November 2013