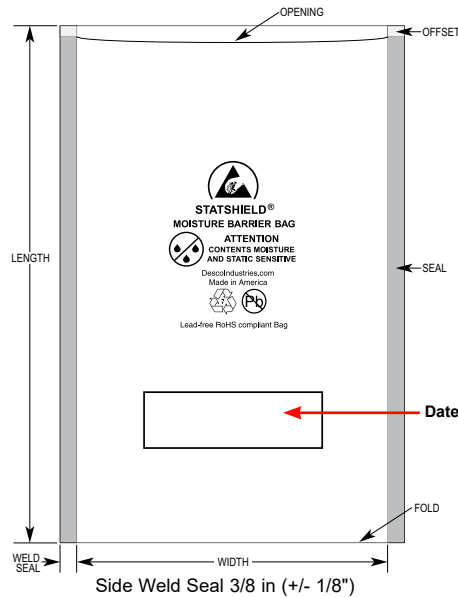
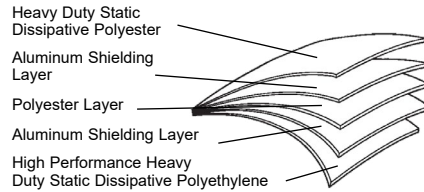


STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG



** Bags are printed (hot stamped or thermal transferred) with an ESD protective symbol and a lot code for traceability. **



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

[Statshield® Moisture Barrier Bags](#) - To Protect

[Desiccant](#) - To Absorb Moisture

[Humidity Indicator Card](#) - To Monitor Performance

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

Specifications:

Standard Document
ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4

Electrical Properties

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

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
<10 nJ
20 volts
-0.09 nC/sq. in.
+0.10 nC/sq. in.

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Opening Offset
Puncture Strength
Heat Seal Strength (Vetrod bar sealer)
Seal Strength
MVTR
Silicone
Non-corrosive
Marking Adhesion

Nominal 6.5mil (.17mm) $\pm 10\%$
Nominal -0" / + 1/4"
Nominal +/- 1/8",
0" to 1/4"
>30 lbs
>11 (lb/in width)
>12 PSI
 ≤ 0.014 /g/100sq.in./24hours
Not detected
Pass
Pass

Heat Sealing Properties

Temperature
Time
Pressure

400°F, 204°C
0.6 – 4.5 seconds
30 – 70 PSI, 206 – 482 KPa

Meets Requirements of:
ESD Protective Packaging
Level 2 except MVTR

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.31
EIA 541

Modified incline plane
Modified incline plane

MIL-STD-3010, 1003

MIL-STD-3010, 2065

ASTM D1876-93

ASTM D882

ASTM F1249

FTIR

MIL-STD-3010, M3005

IPC-TM-650 2.4.1

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, REACH and Conflict Minerals, Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:

https://desco.descoindustries.com/pdf/Regulatory_Statements_Desco_Statshield_Bags.pdf

See the Desco Limited Warranty:

Desco.DescoIndustries.com/Limited-Warranty.aspx

Statshield® and Statfree® 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, 6.5MIL (0.17mm)

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

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

**DRAWING
NUMBER**
13760

DATE:
September
2021

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