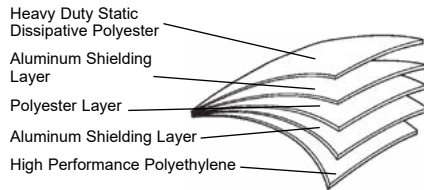
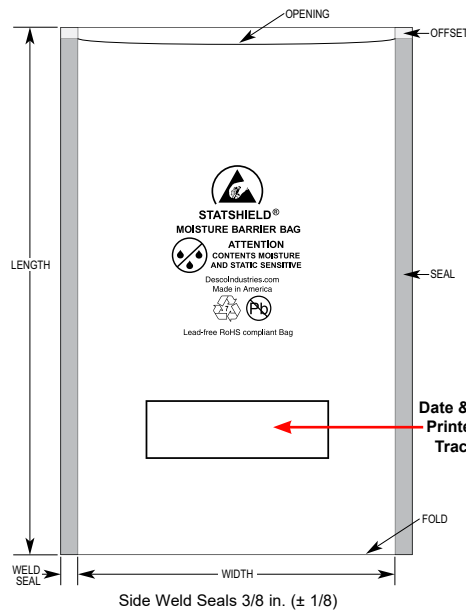




STATSHIELD® STANDARD MOISTURE BARRIER BAG



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

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

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.

Nominal 3.5mil (.09mm) $\pm 10\%$
Nominal -0" / + 1/4"
Nominal +/- 1/8",
0" to 1/4"
>20 lbs

>11 (lb/in width)
>12 PSI
 $\leq 0.02\text{g}/100\text{sq.in}/24\text{hours}$
Not detected
Pass
Pass

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."

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.

RoHS, REACH and Conflict Minerals, Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
DescoIndustries.com/ROHS3.aspx

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](#).

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, 3.5MIL (0.09mm)

DESCO

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

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

**DRAWING
NUMBER**
13806

DATE:
February
2020