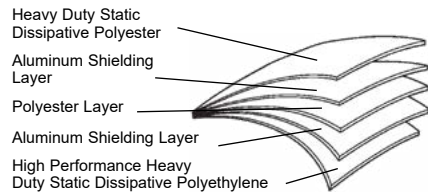
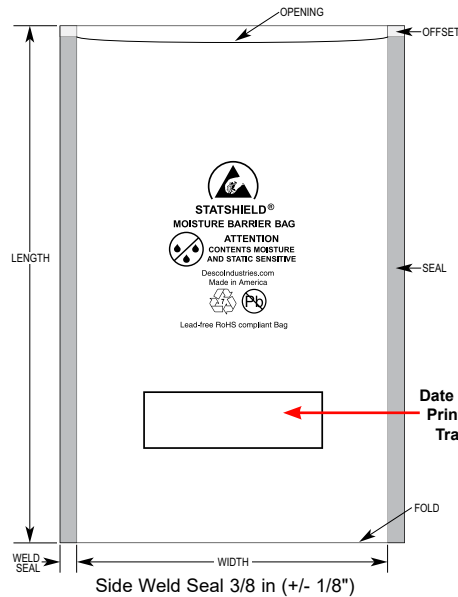


# STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG



## 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

$1 \times 10^4$  to  $< 1 \times 10^{11}$  ohms  
<10 nJ  
20 volts

-0.09 nC/sq. in.  
+0.10 nC/sq. in.

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  
 $\leq 0.014$ /g/100sq.in/24hours  
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."

## RoHS, REACH and Conflict Minerals, Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:  
[DescoIndustries.com/ROHS3.aspx](http://DescoIndustries.com/ROHS3.aspx)

## See the Desco Limited Warranty:

[Desco.DescoIndustries.com/Limited-Warranty.aspx](http://Desco.DescoIndustries.com/Limited-Warranty.aspx)

**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.

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)

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PHONE (909) 627-8178

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

**DRAWING  
NUMBER**  
13760

**DATE:**  
February  
2020

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