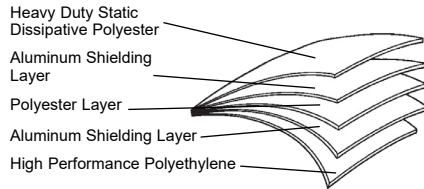
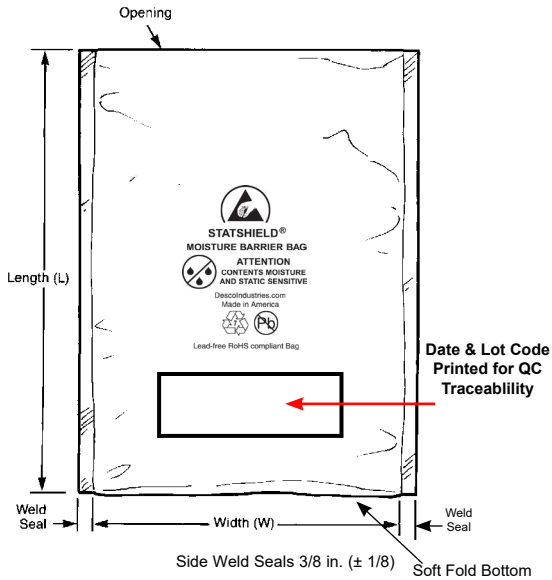


# STATSHIELD® STANDARD MOISTURE BARRIER BAG



## 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)  
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 0.0035" (.0889mm)  $\pm 10\%$   
Nominal -0" / + 0.125"  
Nominal  $\pm 1/8$ " Offset 0 to 1/4"  
>20 lbs

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

**Meets Requirements of:**  
ESD Protective Packaging  
Level 2 Technical Requirements

## 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 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, REACH substances of very high concern as of 2016/06/20, or Conflict Minerals 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](#).

**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](#).

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:**  
August  
2016

# Mouser Electronics

Authorized Distributor

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