



STATSHIELD® FOIL MOISTURE BARRIER BAG WITH IPC/JEDEC MOISTURE SENSITIVE CAUTION MARKINGS



Specifications:

Standard Document
ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4
IPC/JEDEC J-STD-033C

Electrical Properties

Surface Resistance
(both exterior and interior)
Discharge Shielding
Static Shielding
EMI Attenuation

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Opening Offset
Tensile Strength
Puncture Resistance
Seal Strength
MVTR
Silicone
Marking Adhesion

Typical Values

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

Typical Values

Nominal 4.0mil (.10mm) $\pm 10\%$
Nominal -0" / + 1/4"
Nominal +/- 1/8"
0" to 1/4"
13000 PSI
>25 PSI (lbs)
>12 PSI
 $\leq 0.0003\text{g}/100\text{sq.in}/24\text{hours}$
Not detected
Pass

Meets Requirements of:

ESD Protective Packaging
Level 1 Technical Requirements
Packaging of Moisture/Reflow Sensitive Methods

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.31
EIA 541
ANSI/ESD S541

Test Procedures/Method

MIL-STD-3010, 1003

ASTM D882
MIL-STD-3010, 2065
ASTM D882
ASTM F1249
FTIR
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 Staffree® 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 with globally sourced materials

Statshield® bags are packaged 100 per package in an oversized shielding bag.
See [Shielding Bag Storage at TB-7057](#).

Statshield® Foil Shielding Moisture Barrier Bag, 4.0MIL (.10mm)

DESCO

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13950

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