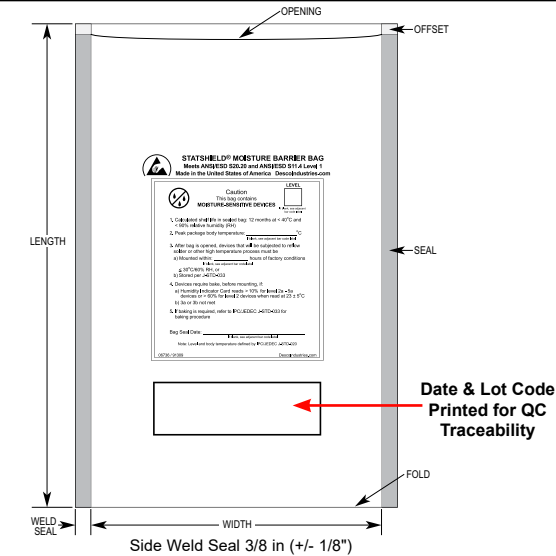
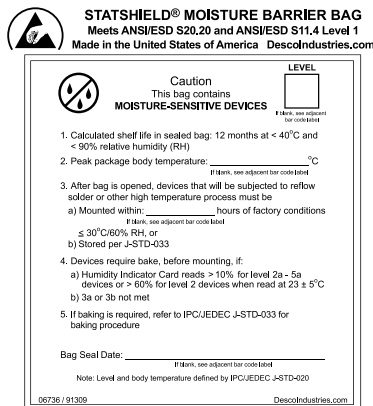


STATSHIELD® FOIL MOISTURE BARRIER BAG WITH IPC/JEDEC MOISTURE SENSITIVE CAUTION MARKINGS



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



Bag Imprint

Specifications:

Standard Document
ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4 Level 1
IPC/JEDEC J-STD-033C

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
Contact Corrosion

Non-corrosive
Marking adhesion

Heat Sealing Properties

Temperature
Time
Pressure

Typical Values

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

-0.09 (nC/in²)
 $+0.10$ (nC/in²)

Nominal 4.0mil (0.10mm) $\pm 10\%$
Nominal $-0'' / + 1/4''$
Nominal $\pm 1/8''$,
 $0''$ to $1/4''$
 > 25 lbs

> 11 (lb/in width)
 > 12 PSI
 ≤ 0.0003 g/100sq.in./24hours

Not detected
No evidence of corrosion,
pitting, or etching of material
Pass
Pass

$300^\circ\text{F} - 400^\circ\text{F}$, $140^\circ\text{C} - 204^\circ\text{C}$
 $0.6 - 4.5$ seconds
 $30 - 70$ PSI, $206 - 482$ KPa

Meets Requirements of:

ESD Protective Packaging
All Moisture and ESD Properties for Level 1 Products
Packaging of Moisture/Reflow Sensitive Methods

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-3010C, 2065

ASTM D1876-93
ASTM D882
ASTM F1249-90
(Flex Testing per ASTM F392)
FTIR
FTMS 101C, Method 3005

MIL-STD-3010, M3005
IPC-TM-650 2.4.1

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

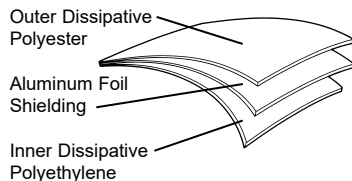
Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click [HERE](#).

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.



Made in the
United States of America
with globally sourced
materials



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.

STATSHIELD® FOIL MOISTURE BARRIER BAG, 4.0MIL (0.10mm)

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PHONE (909) 627-8178

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

**DRAWING
NUMBER**
13960

DATE:
December
2021

DESCO