OFFSET -SEAL Date & Lot Code Printed for QC Traceability

Side Weld Seal 3/8 in (+/- 1/8") ** Bags are printed (hot stamped or thermal transferred) with an ESD protective symbol and a lot code for traceability. **

STATSHIELD® MOISTURE BARRIER BAG

Meets ANSI/ESD S20.20 and ANSI/ESD S11.4 Level 1 Made in the United States of America Descondustries.com This bag contains MOISTURE-SENSITIVE DEVICES 1. Calculated shelf life in sealed bag: 12 months at < 40°C and 2. Peak package body temperature 3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be a) Mounted within: hours of factory or black beautiful black see adjacent bar code label ≤ 30°C/80% RH, or b) Stored per J-STD-033 4. Devices require bake, before mounting, if: a) Humidity Indicator Card reads > 10% for level 2a - 5a devices or > 60% for level 2 devices when read at 23 ± 5°C b) 3a or 3b not met If baking is required, refer to IPC/JEDEC J-STD-033 for baking procedure Note: Level and body temperature defined by IPC/JEDEC J-STD-020

Bag Imprint

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 WITH IPC/JEDEC MOISTURE SENSITIVE CAUTION MARKINGS

Meets Requirements of:

ESD Protective Packaging

Test Procedures/Method

ANSI/FSD STM11 11

ANSI/ESD STM11.31

Modified incline plane

Modified incline plane

MIL-STD-3010, 1003

MIL-STD-3010C, 2065

(Flex Testing per ASTM F392)

FTMS 101C. Method 3005

MIL-STD-3010. M3005

IPC-TM-650 2.4.1

ASTM D1876-93

ASTM F1249-90

ASTM D882

FTIR

FIA 541

All Moisture and ESD Properties for Level 1 Products

Packaging of Moisture/Reflow Sensitive Methods



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

 $1 \times 10^4 \text{ to} < 1 \times 10^{11} \text{ ohms}$ <10 n.J

-0.09 (nC/in²) +.10 (nC/in²)

20 volts

Nominal 4.0mil (0.10mm) ±10%

Nominal -0" / + 1/4" Nominal +/- 1/8", 0" to 1/4"

>11 (lb/in width)

>25 lbs

>12 PSI

 \leq 0.0003/g/100sq.in./24hours

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

Pass Pass

300°F - 400°F, 140°C - 204°C

0.6 - 4.5 seconds 30 - 70 PSI, 206 - 482 KPa

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.

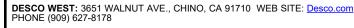
Statshield® bags are packaged 100 per package in an oversized shielding bag. See Shielding Bag Storage at TB-7057.

Specifications and procedures subject to change without notice.



with globally sourced materials

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



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

DRAWING NUMBER 13960

DATE: December 2021



Outer Dissipative Polvester

Aluminum Foil

Shielding -

Polyethylene

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Desco:

13963 13964 13960 13961 13962 13965