Opening Length (L Date & Lot Code Printed for QC Traceablility Weld Seal Side Weld Seal 3/8 in. Soft Fold Bottom STATSHIELD® MOISTURE BARRIER BAG

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 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 Puncture Strenath Heat Seal Strength (Vetrod bar sealer) Seal Strength

MVTR

Silicone **Contact Corrosion**

Non-corrosive Marking adhesion

Typical Values

 $1 \times 10^4 \text{ to} < 1 \times 10^{11} \text{ ohms}$ ANSI/ESD STM11.11 <10 nJ ANSI/ESD STM11.31 20 volts FIA 541

-0.09 (nC/in²) +.10 (nC/in²)

>25 bs

Nominal 0.0040" (0.1016mm) ±10% MIL-STD-3010, 1003

>11 (lb/in width) ASTM D1876-93 >12 PSI ASTM D882 ≤0.0003/g/100sq.in/24hours ASTM F1249-90

(Flex Testing per ASTM F392) Not detected

Meets Requirements of:

ESD Protective Packaging

Test Procedures/Method

Modified incline plane

Modified incline plane

MIL-STD-3010C, 2065

All Moisture and ESD Properties for Level 1 Products

Packaging of Moisture/Reflow Sensitive Methods

FTMS 101C, Method 3005

No evidence of corrosion, pitting, or etching of material Pass

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

Caution This bag contains
MOISTURE-SENSITIVE DEVICES . Calculated shelf life in sealed bag: 12 months at < 40°C and < 90% relative humidity (RH)

Meets ANSI/ESD S20.20 and ANSI/ESD S11.4 Level 1
Made in the United States of America Descolndustries.

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 conditi ≤ 30°C/60% RH, or b) Stored per J-STD-033 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 Bag Seal Date:

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

Dessicant - To Absorb Moisture

Humidity Indicator Card - To Monitor Performance

For detailed instructions see Technical Bulletin TB-2031 - Moisture Barrier Bags Application Instructions.

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.

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.

STATSHIELD[®] FOIL MOISTURE BARRIER BAG, 0.0040" (0.1016mm)



DRAWING NUMBER 13960

DATE: August 2016

Outer Dissipative Polyester

Aluminum Foil

Inner Dissipative

Polye hylene

Shielding

Nylon