



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 Typical Values

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

EMI Attenuation

Physical Properties

Film Thickness Tensile Strength Puncture Resistance Seal Strength

MVTR Silicone

Marking Adhesion

Meets Requirements of:

ESD Protective Packaging Level 1 Technical Requirements

Packaging of Moisture/Reflow Sensitive Methods

Test Procedures/Method

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

45 db ANSI/ESD S541

Typical Values Test Procedures/Method

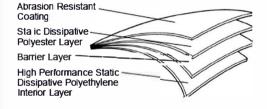
Nominal .0040" (.1016mm) ±10% MIL-STD-3010, 1003 13000 PSI ASTM D882

>25 PSI (lbs) MIL-STD-3010, 2065

>12 PSI ASTM D882 **ASTM F1249** ≤0.0003/q/100sq.in/24hours

Not detected FTIR

IPC-TM-650 2.4.1 Pass



NOTE: The complete dry package concept of packaging for electronics requires three elements:

Statshield

Moisture Barrier Bags - To Protect

Dessicant - To Absorb Moisture

See Shielding Bag Storage at TB-7057.

Humidity Indicator Card - To Monitor Performance

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

Statshield® bags are packaged 100 per package in an oversized shielding bag.

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 Industries Inc. Limited Warranty at Desco.com.

> Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc. See Bag Selection Chart Click HERE.



Specifications and procedures subject to change without notice.

Statshield® Foil Shielding Moisture Barrier Bag, .0040" (.1016mm)



Drawing Number 13950

Date: August 2016