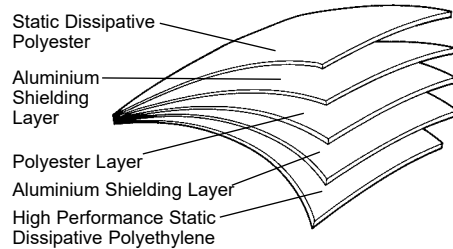
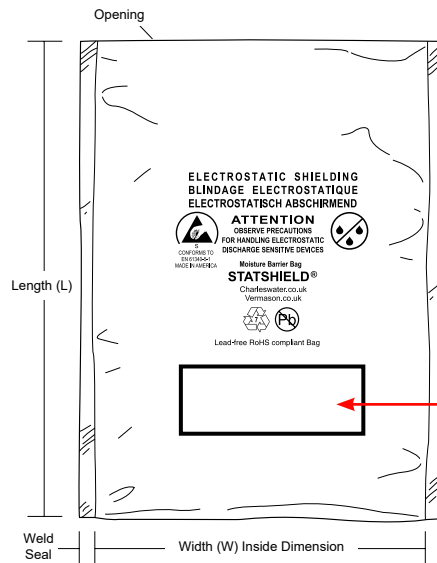




STATSHIELD® STANDARD MOISTURE BARRIER BAG

Meets EN 61340-5-1 and Packaging standard EN 61340-5-3 tested per IEC 61340-2-3 and ANSI/ESD STM11.31



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-7596](#) - Moisture Barrier Bags Application Instructions.

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

Specifications:

Electrical Properties

Surface Resistance (both exterior and interior)
 Discharge Shielding
 Static Shielding
 Charge Generation
 Teflon
 Quartz

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
 < 10 nJ
 20 volts
 $- 0.09$ nC/sq. in.
 $+ 0.10$ nC/sq. in.

Test Procedures/Method

IEC 61340-2-3
 ANSI/ESD STM11.31
 EIA 541

Modified incline plane
 Modified incline plane

Physical Properties

Film Thickness
 Puncture Strength
 Heat Seal Strength (Vetrod bar sealer)
 Seal Strength
 MVTR
 Cleanliness
 Contact Corrosion

$0.0035''$ (.0889mm) $\pm 10\%$
 > 20 lbs
 > 11 (lb/in width)
 > 12 PSI
 ≤ 0.02 g/100sq.in/24hours
 Silicone not detected
 No evidence of corrosion, pitting, or etching of material
 Pass

MIL-STD-3010, 1003
 MIL-STD-3010, 2065

ASTM D1876-93
 ASTM D882
 ASTM F1249
 ASTM E168
 MIL-STD-3010, 3005

IPC-TM-650 2.4.1

Marking Adhesion

Chemical Properties

Polycarbonate compatible: Contains no Amides, or N-Octanoic Acid, silicones and heavy metals.

Per Packaging Standard EN 61340-5-3 clause 5.3 Outside an EPA

“Transportation of sensitive products outside of an EPA shall require packaging that provides both:

- Dissipative or conductive materials for intimate contact
- A structure that provides electrostatic discharge shielding.”



Mixed Unsortable Plastic Scrap

Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades

Desco Europe bags are recyclable

RoHS 3, REACH and Conflict Minerals Statement

None of the RoHS 3 restricted materials, or REACH substances of very high concern as of 2017/07/07, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2015/863 and Regulation (EC) No. 1907/2006/CE.

See the Desco Europe Limited Warranty: [DescoEurope.com/Limited-Warranty.aspx](#)

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.

Unless otherwise noted, tolerance $\pm 10\%$.

Specifications and procedures subject to change without notice.



Made in the United States of America

Statshield® EMI/RFI, Shielding, Moisture Barrier Bag, 3.5 mil

DESCO EUROPE

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Drawing Number
 204580

DATE:
 January
 2018