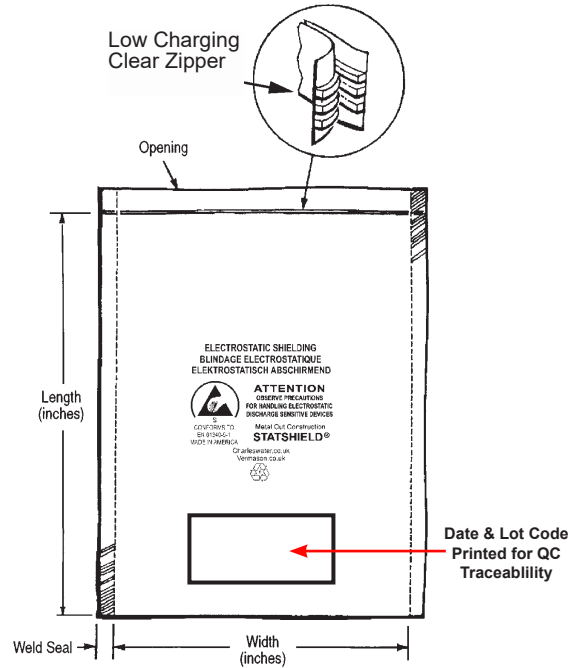
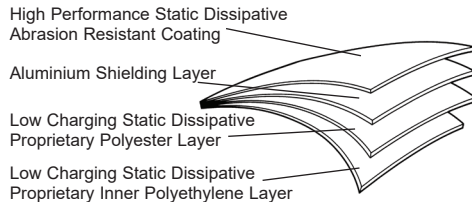


STATSHIELD® METAL-OUT SHIELDING SERIES

Meets EN 61340-5-1 and Packaging standard IEC 61340-5-3 tested per IEC 61340-2-3 (ANSI/ESD STM11.11) and IEC 61340-4-8 (ANSI/ESD STM11.31)



Side Weld Seals 10mm (± 3mm)
Tolerance W: ± 6mm / Tolerance L: ± 6mm



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

Specifications:

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Discharge Shielding
Charge Generation

Typical Values

1×10^4 to $< 1 \times 10^8$ ohms
 1×10^4 to $< 1 \times 10^{11}$ ohms
 < 20 nJ
 Teflon: 0.09 nC/sq. in.
 Quartz: 0.01 nC/sq. in.
 $< 30V$

Test Procedures/Method

IEC 61340-2-3
 IEC 61340-2-3
 IEC 61340-4-8
 Modified Incline Plane
 Modified Incline Plane
 EIA 541

Physical Properties:

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Tensile Strength
Puncture Resistance
Heat Seal
Cleanliness
Marking Adhesion

Nominal 0.0762mm ± 10%
 Nominal ± 6mm
 Nominal ± 6mm
 40% (Tobias)
 4600 PSI, 32 MPa
 > 10 lbs
 > 10 lbs/in.
 Silicone Not detected
 Pass

MIL-STD-3010, 1003
 ASTM D-1003
 ASTM 882
 MIL-STD-3010, 2065
 375°F, 1/2 sec 60 psi
 ASTM E168
 IPC-TM-650 2.4.1

Chemical Properties

Corrosion

No effect on aluminium, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel
 Yes

Polycarbonate Capability,

Bag is free of amines, 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.”

NOTE 1: If electrostatic field shielding materials are used to provide discharge shielding, a material that provides a barrier to current flow should be used in combination with the electrostatic field shielding material.

NOTE 2: Dissipative materials are preferred for intimate packaging in situations where charged device model (CDM) damage is a concern.”

RoHS 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, or REACH substances of very high concern as of 2015/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Directive 2011/65/EC Article 4.1. and Regulation (EC) No. 1907/2006/CE. See Desco Europe Limited Warranty at DescoEurope.com.

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

See IB-7057 - Requirements for Statshield ESD Bag Storage

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



Made in the United States of America

Specifications and procedures subject to change without notice.

DESCO EUROPE

STATSHIELD® BAG, SHIELDING, METAL-OUT, ZIPPER

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Drawing Number
 202200

DATE:
 May
 2018