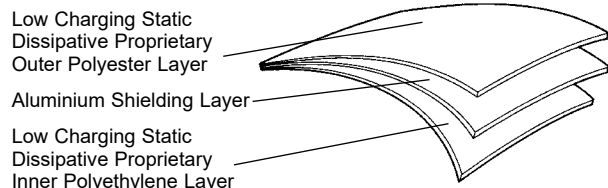
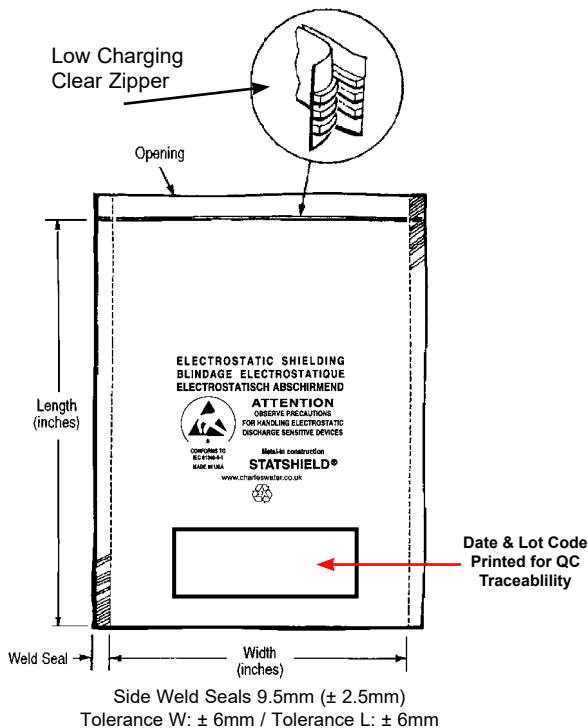




STATSHIELD® METAL-IN SHIELDING SERIES

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)



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

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:
 Outer Surface
 Inner Surface
 Discharge Shielding
 Charge Generation

Typical Values

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

Test Procedures/Method

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

Capacitance Probe (to dissipate 1 KV)

<30 volts

Physical Properties

Film Thickness
 Light Transmission
 Heat Seal
 Tensile Strength
 Puncture Resistance
 Marking Adhesion
 Cleanliness

3.0 Mills \pm 10%
 >40% (Tobias)
 >10 lbs/in
 4600 PSI, 32 MPa
 >10 lbs
 Pass
 Silicone Not detected

MIL-STD-3010, 1003
 ASTM D-1003
 375°F, 1/2 sec 60 psi
 ASTM 882
 MIL-STD-3010, 2065
 IPC-TM-650 2.4.1
 ASTM E 168

Chemical Properties

Corrosion

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

Polycarbonate Capability,

Yes

Bag is free of amines, N-octanoic acid, silicones and heavy metals.

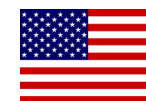
Per Packaging Standard EN 61340-5-3 clause 5.3 Outside an EPA

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

- a) dissipative or conductive materials for intimate contact
- b) a structure that provides electrostatic discharge shielding.”

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](#).



Made in the United States of America

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

Specifications and procedures subject to change without notice.

DESCO EUROPE

Statshield® Bag, Shielding, Metal-In Construction, Zipper

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Drawing Number
 201500

DATE:
 July
 2017