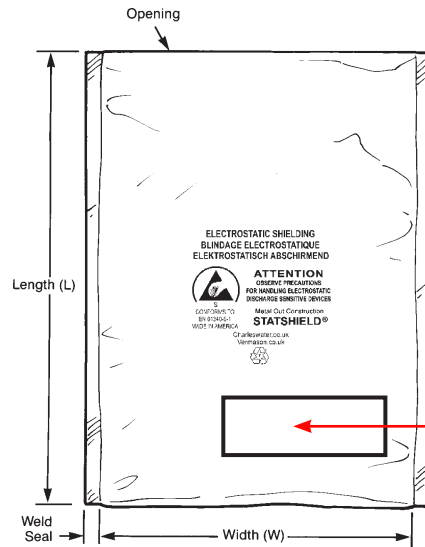


# STATSHIELD® METAL-OUT SHIELDING SERIES

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 9.5mm (± 2.5mm)  
Tolerance W: ± 6mm / Tolerance L: ± 6mm

High Performance Static  
Dissipative Abrasion  
Resistant Coating

Aluminium  
Shielding  
Layer

Low Charging Static  
Dissipative Proprietary  
Polyester Layer

Low Charging Static  
Dissipative Proprietary  
Inner Polyethylene

Date & Lot Code  
Printed for QC  
Traceability

## Specifications:

### Electrical Properties

Surface Resistance:

Outer Surface

Inner Surface

Discharge Shielding

Charge Generation

### Typical Values

$1 \times 10^4$  to  $< 1 \times 10^8$  ohms

$1 \times 10^4$  to  $< 1 \times 10^{11}$  ohms

<20 nJ

Teflon: -0.03 nC/sq. in.

Quartz: +0.10 nC/sq. in.

<30 volts

### Test Procedures/Method

IEC 61340-2-3

IEC 61340-2-3

IEC 61340-4-8

Modified Incline Plane

Modified Incline Plane

EIA 541

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

Capacitance Probe (to dissipate 1 KV)

### Physical Properties:

Film Thickness

Nominal 0.0762mm ±10%

Width (Inside Dimensions)

Nominal -0" / + 3.2mm

Length (Inside Dimensions)

Nominal ± 3.2mm

Light Transmission

40% (Tobias)

Tensile Strength

4600 PSI, 32 MPa

Puncture Resistance

>10 lbs

Heat Seal

>10 lbs/in.

Cleanliness

Silicone Not detected

Marking Adhesion

Pass

### 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.

### 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."



## 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 **Shielding Bag Storage** at [TB-7057](#).

## 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-OUT CONSTRUCTION

DESCO EUROPE  
2A DUNHAMS LANE, LETCHWORTH GARDEN CITY,  
HERTFORDSHIRE, SG6 1BE, UK  
PHONE: +44 (0) 1462 672005  
E-MAIL: [Service@DescoEurope.com](mailto:Service@DescoEurope.com), INTERNET: [DescoEurope.com](http://DescoEurope.com)

**Drawing Number**  
**202100**

**DATE:**  
**May**  
**2018**