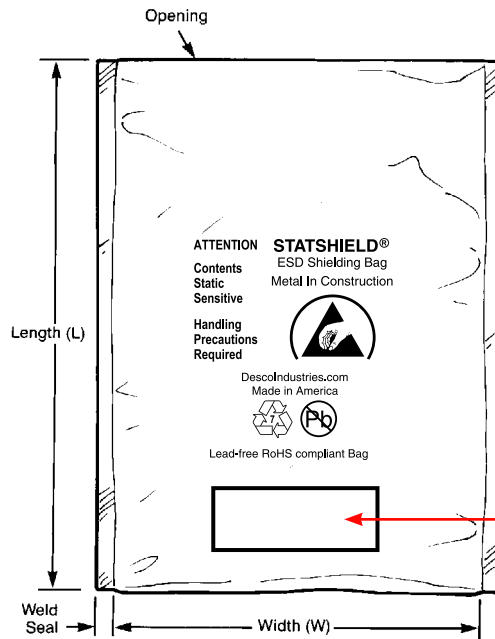


STATSHIELD® METAL-IN SHIELDING SERIES

Statshield® Metal-In Shielding Bags meet the required limits EN 61340-5-1 and Packaging standard EN 61340-5-3 tested per IEC 61340-2-3 and ANSI/ESD STM11.31.



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.
<30 volts

Test Procedures/Method

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

Capacitance Probe (to dissipate 1 KV)

Physical Properties

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

Nominal 0.0762mm ±10%
Nominal ± 6mm
Nominal ± 6mm
>40% (Tobias)
>10 lbs/in
9000 PSI
>10 lbs
Not detected
Pass
Not detected

MIL-STD-3010, 1003

ASTM D-1003
375°F, 1/2 sec 60 psi
ASTM D882
MIL-STD-3010, 2065
ASTM E168
IPC-TM-650 2.4.1
ASTM E168

Chemical Properties

Corrosion

No effect on aluminum, 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.

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 2015/06/15, 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 Industries Inc. [Limited Warranty at Charleswater.co.uk](http://www.charleswater.co.uk)

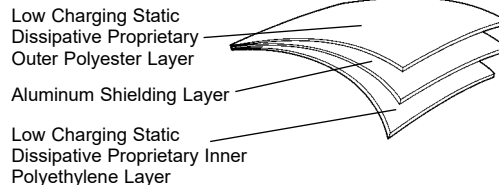


Made in the
United States of America*

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
Click [HERE](#) for a complete bag selection chart.

Specifications and procedures subject to change without notice.

*Film made in the United States of America or Malaysia



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

Charleswater's bags are recyclable

Statshield® bags are packaged 100 per package in an oversized shielding bag.
See [Statshield Bag Storage Information](#).



STATSHIELD® BAG, SHIELDING, METAL-IN

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CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
PHONE: 00 44 (0) 1892-665313
INTERNET: Charleswater.co.uk

Drawing Number
90500.E

DATE:
January
2016