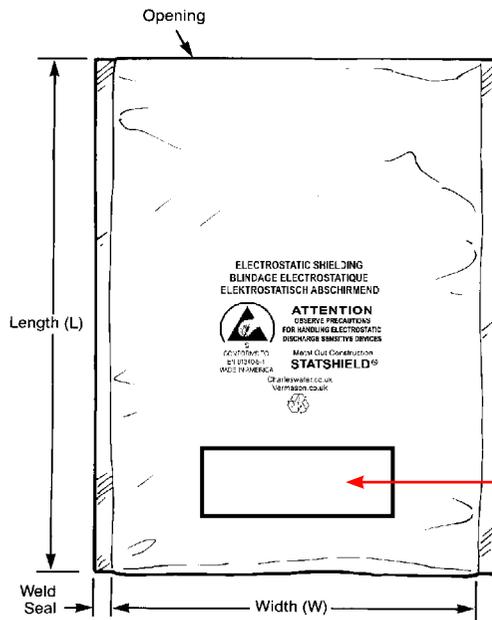
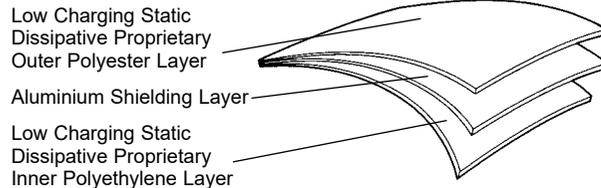


# STATSHIELD® METAL-IN SHIELDING SERIES

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



Side Weld Seals 9.5mm (± 2.5mm)  
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

**Vermason's 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

Capacitance Probe (to dissipate 1 KV)

### Typical Values

1 x 10<sup>4</sup> to < 1 x 10<sup>11</sup> ohms

1 x 10<sup>4</sup> to < 1 x 10<sup>11</sup> 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

### Physical Properties

Film Thickness

Light Transmission

Heat Seal

Tensile Strength

Puncture Resistance

Marking Adhesion

Cleanliness

3.0 Mils ± 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:

- dissipative or conductive materials for intimate contact
- 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 Vermason [Limited Warranty at Vermason.co.uk](http://www.vermason.co.uk)

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.

# Vermason

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

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Drawing Number  
201000

DATE:  
June  
2016