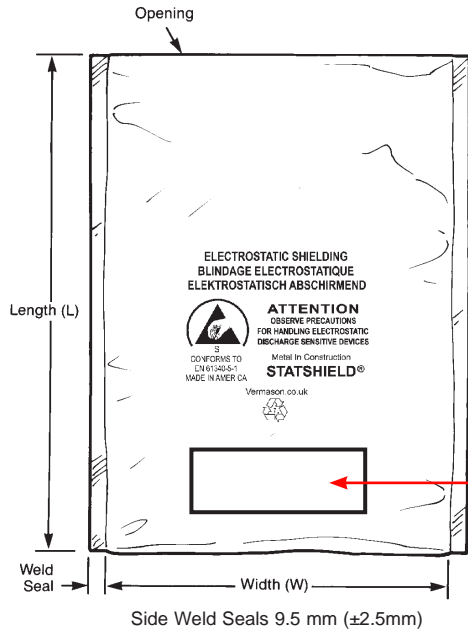


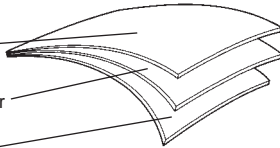
## STATSHIELD® METAL-IN SERIES



Low Charging Static  
Dissipative Proprietary  
Outer Polyester Layer

Aluminum Shielding Layer

Low Charging Static  
Dissipative Proprietary Inner  
Polyethylene Layer



### 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**

### Specifications:

#### Electrical Properties

Surface Resistance:  
Outer Surface  
Inner Surface  
Static Shielding  
Charge Generation

#### Typical Values

<10E11 ohms  
<10E11 ohms  
<25 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  
ANSI/ESD STM11.31  
Modified Incline Plane  
Modified Incline Plane  
EIA 541

Capacitance Probe (to dissipate 1 KV)

#### Physical Properties

Bag Thickness:  
Thickness  
Width (Inside Dimensions)  
Length (Inside Dimensions)  
Light Transmission (%)  
Heat Seal (lbs/in)  
Tensile  
Puncture Resistance (lbs)  
MVTR (gms / 100 in<sup>2</sup> / 24 hrs, 100°F)  
Outgassing  
Non-corrosive

Nominal .0030" (.0762mm) ±10%  
Nominal -0" / + .125"  
Nominal ± .125"  
>40% (Tobias)  
>10  
9000 PSI  
>10  
<0.40  
Pass  
Pass

MIL-STD-3010, 1003  
ASTM D-1003  
375°F, 1/2 sec 60 psi  
ASTM D882  
MIL-STD-3010, 2065  
FTMS 101C/2065  
ASTM E595  
MIL-STD-3010, M3005

Date & Lot Code  
Printed for QC  
Traceability

#### Chemical Properties

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

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

#### ANSI/ESD STM11.31 Section 6.2 Outside an EPA

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

1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

#### RoHS and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at [Vermason.co.uk](http://Vermason.co.uk)

The bag's material meets the required limits of EN 61340-5-1 tested per IEC 61340-2-3 and ANSI/ESD STM11.31. Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.



Made in Britain\*

METAL IN BAG SIZES	
Item #	Size (WxL)
<a href="#">201015</a>	75mm x 125mm
<a href="#">201025</a>	100mm x 150mm
<a href="#">201050</a>	125mm x 200mm
<a href="#">201065</a>	150mm x 200mm
<a href="#">201070</a>	150mm x 255mm
<a href="#">201105</a>	200mm x 255mm
<a href="#">201110</a>	200mm x 305mm
<a href="#">201115</a>	200mm x 405mm
<a href="#">201120</a>	255mm x 305mm
<a href="#">201130</a>	255mm x 355mm
<a href="#">201140</a>	305mm x 355mm
<a href="#">201145</a>	305mm x 405mm
<a href="#">201150</a>	305mm x 455mm
<a href="#">201160</a>	355mm x 455mm
<a href="#">201165</a>	405mm x 455mm
<a href="#">201175</a>	405mm x 610mm
<a href="#">201180</a>	455mm x 455mm
<a href="#">201190</a>	455mm x 610mm
<a href="#">201210</a>	610mm x 760mm
Packaged 100 per package	

Statshield® bags are packaged 100 per package in an oversized shielding bag.  
Shelf life of bags is minimum one year in normal indoor storage conditions.

Specifications and procedures subject to change without notice.

\*Film made in Britain or Malaysia

# Vermason

## STATSHIELD® BAG, SHIELDING, METAL-IN

VERMASON  
UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH,  
HERTS, SG6 2TD UK  
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E-MAIL: [Service@Vermason.co.uk](mailto:Service@Vermason.co.uk), INTERNET [Vermason.co.uk](http://Vermason.co.uk)

Drawing Number  
201000

DATE:  
October  
2011

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