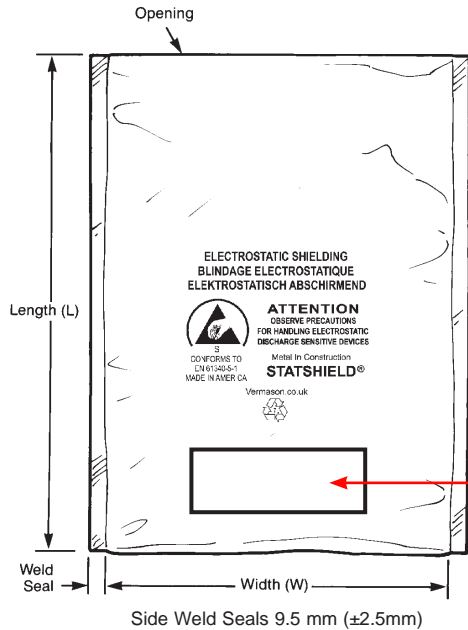


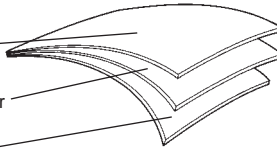
STATSHIELD® METAL-IN SERIES



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 in² / 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

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)
201015	75mm x 125mm
201025	100mm x 150mm
201050	125mm x 200mm
201065	150mm x 200mm
201070	150mm x 255mm
201105	200mm x 255mm
201110	200mm x 305mm
201115	200mm x 405mm
201120	255mm x 305mm
201130	255mm x 355mm
201140	305mm x 355mm
201145	305mm x 405mm
201150	305mm x 455mm
201160	355mm x 455mm
201165	405mm x 455mm
201175	405mm x 610mm
201180	455mm x 455mm
201190	455mm x 610mm
201210	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

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E-MAIL: Service@Vermason.co.uk, INTERNET Vermason.co.uk

Drawing Number
201000

DATE:
October
2011