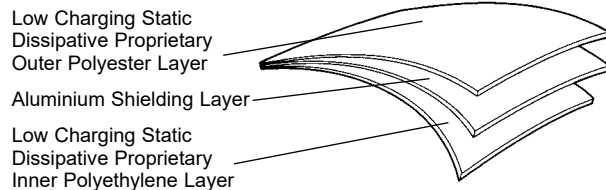
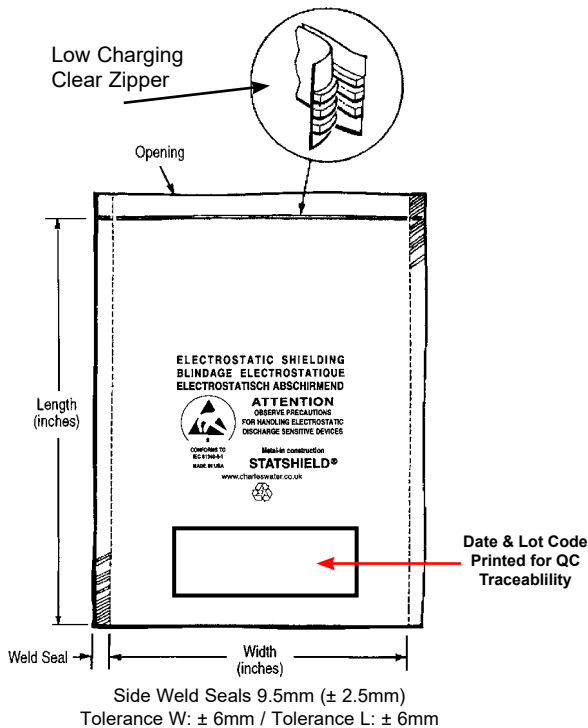


STATSHIELD® METAL-IN SHIELDING SERIES

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



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
Discharge Shielding
Charge Generation
Capacitance Probe (to dissipate 1 KV)

Typical Values

1×10^4 to $< 1 \times 10^{11}$ 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

Physical Properties

Film Thickness
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
Marking Adhesion
Cleanliness

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

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

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:
a) dissipative or conductive materials for intimate contact
b) 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://Vermason.co.uk)

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.



Made in the United States of America

Statshield® bags are packaged 100 per package in an oversized shielding bag. See [TB-7057](#) - Requirements for Statshield ESD Bag Storage

Specifications and procedures subject to change without notice.

Vermason

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

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Drawing Number
201500

DATE:
June
2016