

201161 - BAG, STATSHIELD METAL IN 380MM x 455MM, 100/PK



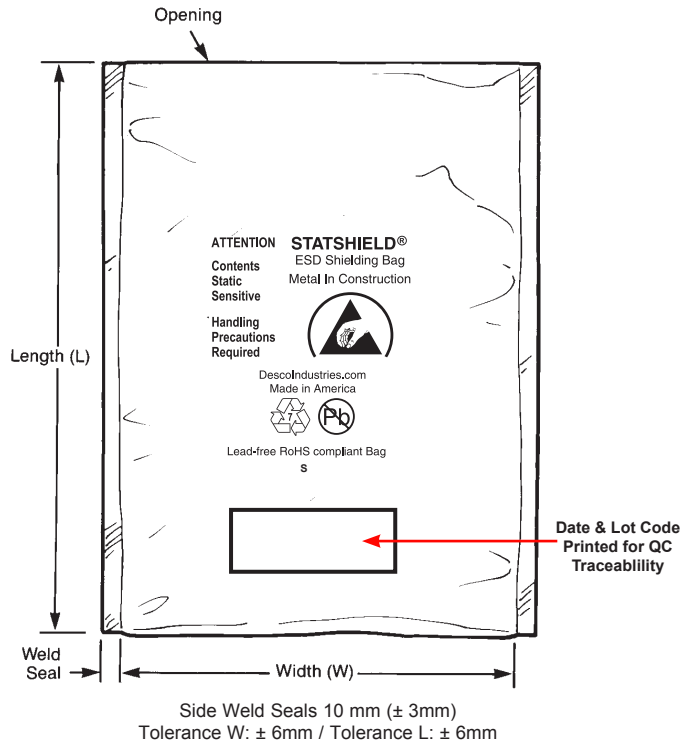
Features

- Prior Vermason Item Number: BC8DF
 - Gives "Faraday Cage"
Protection against electrostatic discharges
 - Rs: 1×10^4 to $< 1 \times 10^9$ ohms
Inside and out
 - Static Shielding < 25 nJ per EN61340-5-1 ANSI/ESD S11.31
 - Good see-through clarity
 - Heat sealable
 - Sold in packages of 100 bags packaged in a protective oversized ESD bag
 - Resistance of outer surface: $< 10^{11}$ ohms per EN 61340-5-1 Test Method A.4
 - Resistance of inner surface: $< 10^{11}$ ohms per EN 61340-5-1 Test Method A.4
- Thickness: Nominal .0030" (.0762mm) $\pm 10\%$



STATSHIELD® METAL-IN SHIELDING SERIES

Statshield® Metal-In Shielding Bags meet the required limits EN 61340-5-1 and Packaging standard IEC 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
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.
<30V

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

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)
Silicone and Amine content

Nominal 0.0762mm ±10%
Nominal ± 6mm
Nominal ± 6mm
>40% (Tobias)
>10
9000 PSI
>10
<0.40
Not detected

MIL-STD-3010, 1003

ASTM D-1003
375°F, 1/2 sec 60 psi
ASTM D882
MIL-STD-3010, 2065
FTMS 101C/2065
ASTM E168

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

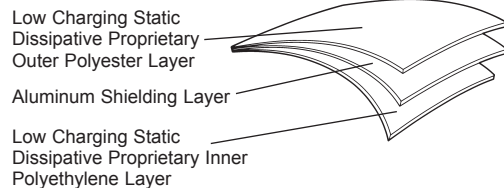
Packaging Standard EN 61340-5-3 clause 5.3 Outside an EPA

“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”

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.”



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

RoHS 2 and REACH Compliance Statement
None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2013-06-20 are intentionally added in manufacturing this product. Ref: EU Directive 2011/65/EU effective 2013-01-03 and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at Vermason.co.uk



Made in the United States of America*

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

Specifications and procedures subject to change without notice.

*Film made in the United States of America or Malaysia



STATSHIELD® BAG, SHIELDING, METAL-IN

VERMASON
UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH,
HERTS, SG6 2TD UK
PHONE: +44 (0) 1462-672005
E-MAIL: Service@Vermason.co.uk, INTERNET Vermason.co.uk

Drawing Number
201000

DATE:
January
2014