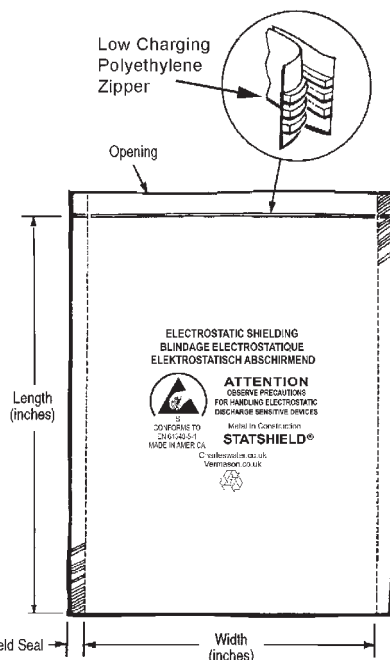




Side Weld Seals 3/8 in.

Statshield® bags are packaged 100 per package in an oversized shielding bag rather than a cardboard box. Therefore, our bags are not exposed to water vapors that will degrade the metallized shielding layer. Our bags have an additional layer of barrier protection because of our packaging.

Ideally, ESD bags should be stored in a dry, well ventilated room with a reasonably consistent temperature of 68°F (20°C) and be protected from exposure to direct sunlight. Ideally, ESD bags should not be stored in ultraviolet sunlight, moisture, or heat.

The user shall determine the suitability of the product for their intended use. Vermason's only obligation shall be to replace such quantity of the product proved to be defective. See full Limited Warranty information at Vermason.co.uk.

What does EN 61340-5-1 and -2 say about ESD Bags? [Click Here](#).

ESD Bags are Reusable. [Read more Here](#).

Specifications:

Electrical Properties

Surface Resistance:
Outer Surface
Aluminum Layer
Inner Surface
Static Shielding
Charge Generation

Capacitance Probe (to dissipate 1 KV)

Physical Properties

Bag Thickness:

Polyester Layer
Aluminum Layer
Polyethylene Layer
Total Thickness

Light Transmission (%)

Burst Strength (psi)

Heat Seal (lbs/in)

Seam Strength

Tear Strength (lbs)

Puncture Resistance (lbs)

MVTR (gms / 100 in² / 24 hrs, 100°F)

OTR (cc / 100 in² / 24 hrs)

Abrasion Resistance

Outgassing

Non-corrosive

Chemical Properties

Corrosion

Polycarbonate Capability,

No Amines or N-Octanoic Acid

STATSHIELD® M/I SERIES

Typical Values

<10E11 ohms
<10E2 ohms
<10E11 ohms
<25 nJ
PTFE: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
<30V

0.5 Mils Static Dissipative PET film

10-25 Angstroms

2.5 Mils Static Dissipative PE film

2.8 to 3.0 Mils

>40% (Tobias)

>50

>10

Pass

>25

>10

<0.40

<6.1

>100 cycles

Pass

Pass

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.31
Modified Incline Plane
Modified Incline Plane
MIL-PRF-81705D, EIA 541

ASTM D-2103

ASTM D-2103

ASTM D-2103

ASTM D-1003

FTMS 101K, Method 2065.1

375°F, 1/2 sec 60 psi

MIL-PRF-81705D

ASTM D-1004

ASTM D-2065

FTMS 101C/2065

ASTM D-1434

Sutherland Abr. (.0000 Steel Wool)

ASTM E595

MIL-STD-3010, M3005

METAL IN BAG SIZES

Item #	Size (WxL)
201500	75mm x 125mm
201510	100mm x 150mm
201515	125mm x 200mm
201520	150mm x 200mm
201525	150mm x 255mm
201530	200mm x 255mm
201535	200mm x 305mm
201540	255mm x 305mm
201545	255mm x 355mm
201550	305mm x 405mm
201555	455mm x 455mm
201560	505mm x 505mm
Packaged 100 per package	



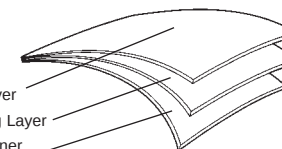
Mixed Unsortable Plastic Scrap

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 Compliance Statement - None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at Vermason.co.uk

Static Dissipative
Outer Polyester Layer
Aluminum Shielding Layer
Static Dissipative Inner
Polyethylene Layer



Made in America



The bag's material meets the performance specification requirements of Mil-PRF-81705D, Type III. Bag is free of amines, N-octanoic acid, and heavy metals.

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

Vermason

STATSHIELD® BAG, SHIELDING, METAL IN CONSTRUCTION, ZIPPER

VERMASON LTD.

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

Drawing Number
201500

DATE:
May 2007