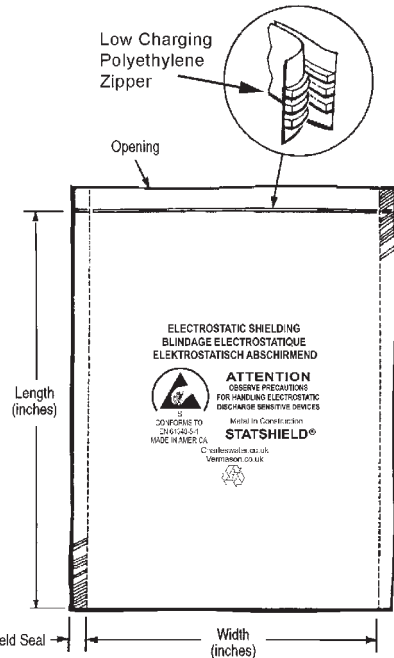


## STATSHIELD® M/I SERIES



Side Weld Seals 3/8 in.

### 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 0.5 Mils Static Dissipative PET film  
Aluminum Layer 10-25 Angstroms  
Polyethylene Layer 2.5 Mils Static Dissipative PE film  
Total Thickness 2.8 to 3.0 Mils

Light Transmission (%)

Burst Strength (psi)

Heat Seal (lbs/in)

Seam Strength

Tear Strength (lbs)

Puncture Resistance (lbs)

MVTR (gms / 100 in<sup>2</sup> / 24 hrs, 100°F)

OTR (cc / 100 in<sup>2</sup> / 24 hrs)

Abrasion Resistance

Outgassing

Non-corrosive

#### Typical Values

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

#### 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

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	

#### Chemical Properties

Corrosion

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

Polycarbonate Capability,

Yes

No Amines or N-Octanoic Acid

Not present

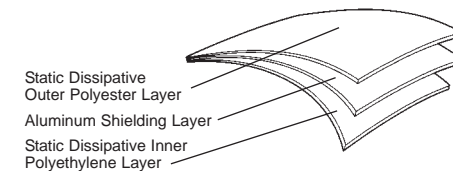


#### Mixed Unsortable Plastic Scrap

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](http://Vermason.co.uk)



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

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

Drawing Number  
**201500**

DATE:  
**May 2007**