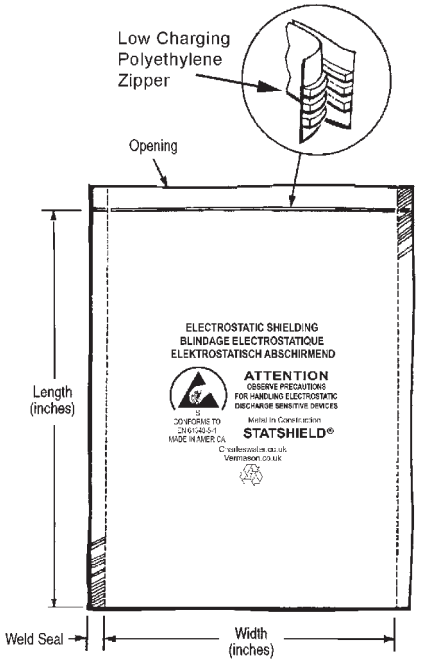
STATSHIELD® M/I SERIES



Side Weld Seals 3/8 in.

Specifications:

Electrical Properties	**Typical Values**	**Test Procedures/Method**
Surface Resistance:		
Outer Surface	<10E11 ohms	ANSI/ESD STM11.11
Aluminum Layer	<10E2 ohms	ANSI/ESD STM11.11
Inner Surface	<10E11 ohms	ANSI/ESD STM11.11
Static Shielding	<25 nJ	ANSI/ESD STM11.31
Charge Generation	PTFE: 0.09 nC/sq. in.	Modified Incline Plane
	Quartz: 0.01 nC/sq. in.	Modified Incline Plane
Capacitance Probe (to dissipate 1 KV)	<30V	MIL-PRF-81705D, EIA 541
Physical Properties		
Bag Thickness:		
Polyester Layer	0.5 Mils Static Dissipative PET film	ASTM D-2103
Aluminum Layer	10-25 Angstroms	
Polyethylene Layer	2.5 Mils Static Dissipative PE film	ASTM D-2103
Total Thickness	2.8 to 3.0 Mils	ASTM D-2103
Light Transmission (%)	>40% (Tobias)	ASTM D-1003
Burst Strength (psi)	>50	FTMS 101K, Method 2065.1
Heat Seal (lbs/in)	>10	375°F, 1/2 sec 60 psi
Seam Strength	Pass	MIL-PRF-81705D
Tear Strength (lbs)	>25	ASTM D-1004
Puncture Resistance (lbs)	>10	ASTM D-2065
MVTR (gms / 100 in^2 / 24 hrs, 100°F)	<0.40	FTMS 101C/2065
OTR (cc / 100 in^2 / 24 hrs)	<6.1	ASTM D-1434
Abrasion Resistance	>100 cycles	Sutherland Abr. (.0000 Steel Wool)
Outgassing	Pass	ASTM E595
Non-corrosive	Pass	MIL-STD-3010, M3005
Chemical Properties		
Corrosion	No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel	
Polycarbonate Capability, No Amines or N-Octanoic Acid	Yes Not present	

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	

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.

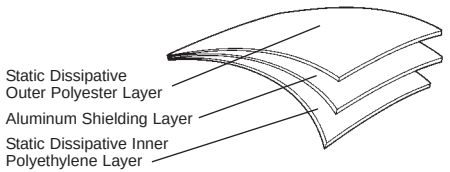
ESD Bags are Reusable. Read more Here.

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



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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Drawing Number
201500

DATE:
May 2007

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