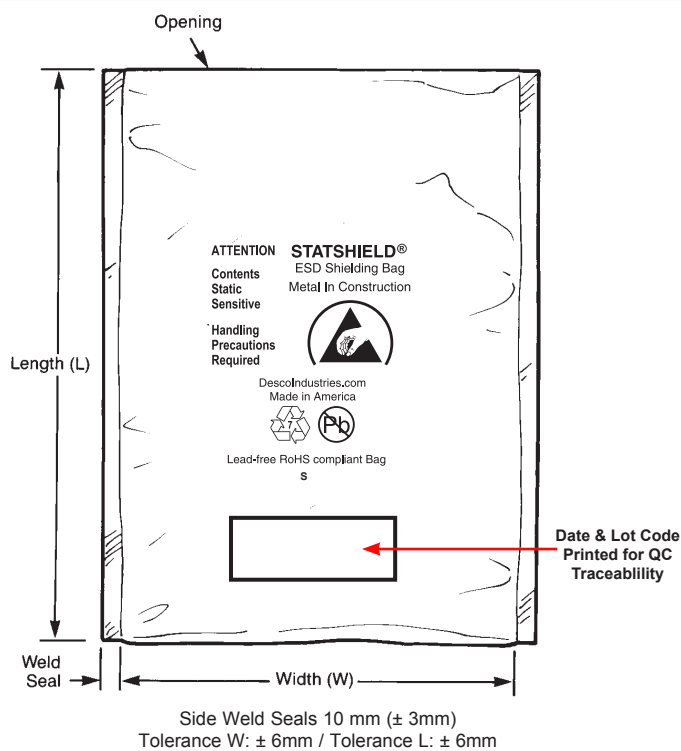


201161 - BAG, STATSHIELD METAL IN 380MM x 455MM, 100/PK



Features

- Prior Vermason Item Number: BC8DF
- Gives "Faraday Cage"
Protection against electrostatic discharges
- $R_s: 1 \times 10^4$ 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 BAG

Statshield® Metal-In Shielding Bags meet the required limits EN 61340-5-3 tested per IEC 61340-2-3 and ANSI/ESD S20.20

Specifications:

Electrical Properties

Electrical Properties	Typical Values
Surface Resistance:	
Outer Surface	1×10^4 to $< 1 \times 10^{11}$ ohms
Inner Surface	1×10^4 to $< 1 \times 10^{11}$ ohms
Discharge Shielding	< 20 nJ
Charge Generation	Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in.
Capacitance Probe (to dissipate 1 KV)	$< 30V$

Physical Properties

Physical Properties	Typical Values
Bag Thickness:	
Thickness	Nominal $0.0762\text{mm} \pm 10\%$
Width (Inside Dimensions)	Nominal $\pm 6\text{mm}$
Length (Inside Dimensions)	Nominal $\pm 6\text{mm}$
Light Transmission (%)	$> 40\%$ (Tobias)
Heat Seal (lbs/in)	> 10
Tensile	9000 PSI
Puncture Resistance (lbs)	> 10
MVTR (gms / 100 in^2 / 24 hrs, 100°F)	< 0.40
Silicone and Amine content	Not detected

Chemical Properties

Corrosion	No effect on aluminum, copper, stainless steel, low carbon steel
Polycarbonate Capability,	Yes
Bag is free of amines, N-octanoic acid, silicones and heavy metals.	

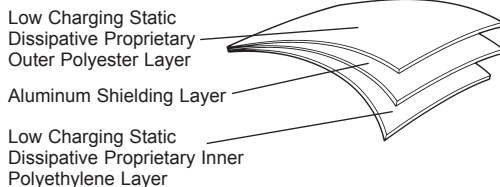
Packaging Standard EN 61340-5-3 clause 5.3 Outside an EPA

"Transportation of sensitive products outside of an EPA shall require packaging that is:

- dissipative or conductive materials for intimate contact;
- a structure that provides electrostatic discharge shielding"

NOTE 1: If electrostatic field shielding materials are used to provide discharge barrier to current flow should be used in combination with the electrostatic shielding.

NOTE 2 Dissipative materials are preferred for intimate packaging in situations where static 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 are intentionally added in manufacturing this product. Ref: EU Directive 2002/95/EC and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Website for more information.

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

Statshield® and Staffree® are Registered Trademarks of Desco Industries Inc. Click [HERE](#) for a complete bag selection chart.

Specifications and procedures subject to change without notice.

Vermason

STATSHIELD® BAG, SHIELDING, METAL-IN

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