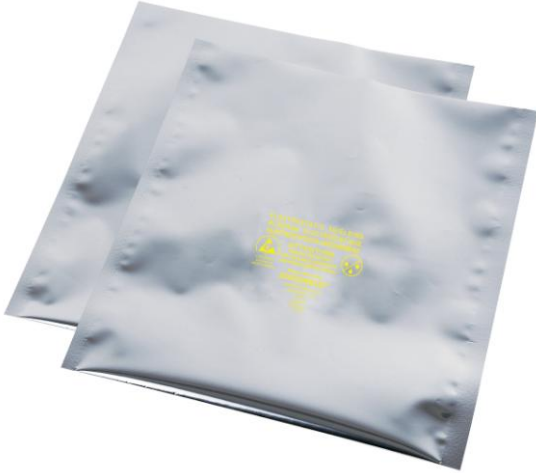


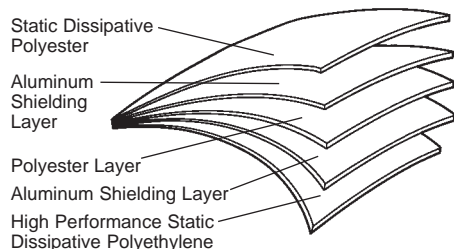
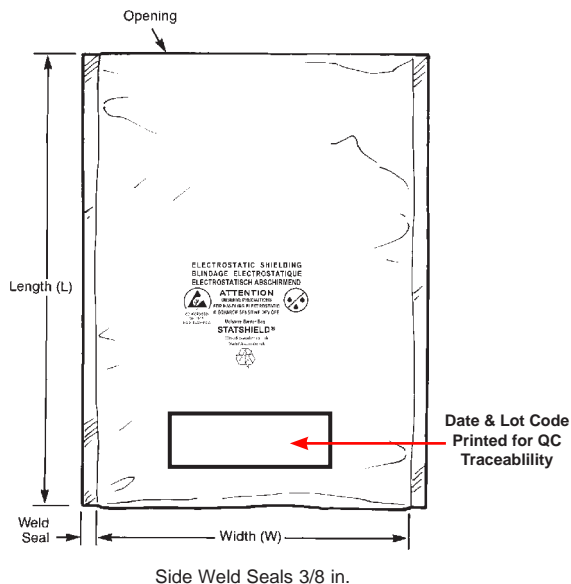
## 204585 - BAG, STATSHIELD EMI/RFI MOIST BARRIER 305 X 405MM, 100/PK



### Features

- Prior Vermason Item Number: BW9LN
- 100 pack
- Film thickness: 90 micron (3.6mil)
- Bag is opaque, printed and designated as ESD moisture barrier bag
- Used to pack SMD reels or trays and IC tubes
- Rs: <1011 ohms at 15% rH
- Thickness: Nominal .0035" (.0089mm)  $\pm$ 10%
- EMI Shielding: Meets required range of EN 61340-5-1 tested per IEC 61340-2-3 and ANSI/ESD STM11.31

# STATSHIELD® EMI/RFI MOISTURE BARRIER BAG SHIELDING SERIES



### DESICCANT PACK INFORMATION

Desiccant packs meet MIL-D-3464. Packs meet Type I and Type II criteria for dust-free packaging. RULE-OF-THUMB - use 1/2 unit for every 300 square centimetres of bag area.

[204514](#) 1/2 unit Box of 600  
[204516](#) 1 unit Box of 300

### HUMIDITY MONITOR INFORMATION

[204502](#) Humidity Monitor. Can of 125 51mm x 76mm blotting paper cards that indicate 5, 10, and 15% relative humidity with a colour comparison bar. Meets MIL-I-8835 and JEDEC 33.

Statshield® bags are packaged 100 per package in an oversized shielding bag.  
**Shelf life of bags is minimum one year in normal indoor storage conditions.**

### Specifications:

#### Electrical Properties

Surface Resistance (both surfaces @ 12%RH, ohms) <math><10E11</math>  
 Capacitive Probe Test (high voltage discharge, V) <math><20</math>  
 Charge Generation  
 Teflon (nC/in<sup>2</sup>) -0.09  
 Quartz (nC/in<sup>2</sup>) +.10

#### Typical Values

#### Test Procedures/Method

IEC 61340-2-3  
 EIA Std 541/Appendix E, 1kV Discharge  
 Modified incline plane  
 Modified incline plane

#### Physical Properties

Thickness (mils) 3.5 (92 microns)  
 Tensile 9000 PSI  
 Puncture Strength (lb) >20  
 Heat Seal Strength (Vetrod bar sealer, lb/in width) >11  
 Heat Seal Temperature (°F) 325 (60 PSI @ 3 sec dwell)  
 WVTR (gms / 100 in<sup>2</sup> / 24 hrs, 100°F) <math><.02</math>  
 O<sub>2</sub>TR <math><.002</math>

MIL-STD-3010, 1003  
 ASTM D882  
 MIL-STD-3010, 2065  
 ASTM D1876-93  
 ASTM F1249-90  
 ASTM D3985 @ 100% Oxygen, 100 in<sup>2</sup>/24 hr, 77°F, 0%: 90% R.H.  
 ASTM E595  
 MIL-STD-3010, M3005

Outgassing Pass  
 Non-corrosive Pass

#### Chemical Properties

Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

Bag is free of amines, N-octanoic acid, silicones and heavy metals.

#### ANSI/ESD STM11.31 Section 6.2 Outside an EPA

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

1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

| MBB BAG SIZES            |               |
|--------------------------|---------------|
| Item #                   | Size (WxL)    |
| <a href="#">204580</a>   | 255mm x 660mm |
| <a href="#">204595</a>   | 405mm x 455mm |
| <a href="#">204610</a>   | 455mm x 610mm |
| 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 and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at [Vermason.co.uk](http://Vermason.co.uk)

The bag's material meets the required limits of EN 61340-5-1 tested per IEC 61340-2-3 and ANSI/ESD STM11.31.

Statshield® and Staffree® are Registered Trademarks of Desco Industries Inc.

Specifications and procedures subject to change without notice.



Made in the United States of America

# Vermason

## STATSHIELD® EMI/RFI, SHIELDING, MOISTURE BARRIER BAG, 3.5 mil

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 E-MAIL: [Service@Vermason.co.uk](mailto:Service@Vermason.co.uk), INTERNET: [Vermason.co.uk](http://Vermason.co.uk)

Drawing Number  
**204580**

DATE:  
 October  
 2011