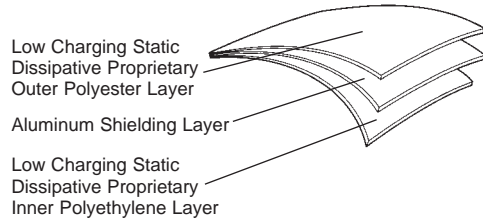
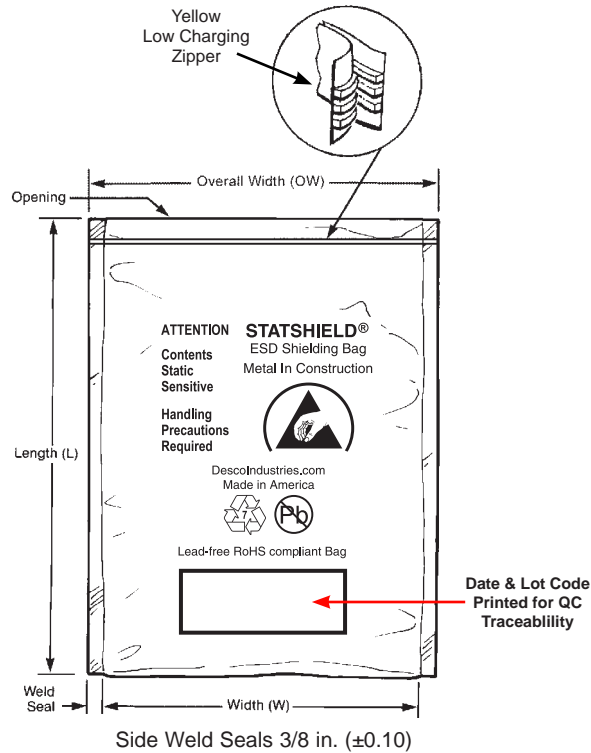


STATSHIELD® METAL-IN SERIES



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
Desco's bags are recyclable

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

| Electrical Properties | Typical Values |
|---------------------------------------|--|
| Surface Resistance: | |
| Outer Surface | <10E11 ohms |
| Aluminum Layer | <10E2 ohms |
| Inner Surface | <10E11 ohms |
| Static Shielding | <25 nJ |
| Charge Generation | Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in. |
| Capacitance Probe (to dissipate 1 KV) | <30 volts |

Test Procedures/Method

| |
|--|
| ANSI/ESD STM11.11 |
| ANSI/ESD STM11.11 |
| ANSI/ESD STM11.11 |
| ANSI/ESD STM11.31, EIA 541 |
| Modified Incline Plane |
| Modified Incline Plane |
| ANSI/EIA-541/Appendix E, 1kV Discharge |

Physical Properties

| Physical Properties | Typical Values | Test Procedures/Method |
|----------------------------|-------------------------------|------------------------|
| Bag Thickness: | | |
| Thickness | Nominal .0030" (.0762mm) ±10% | MIL-STD-3010, 1003 |
| Width (Inside Dimensions) | Nominal -0" / + .125" | |
| Length (Inside Dimensions) | Nominal ± .125" | |
| Light Transmission | >40% (Tobias) | ASTM D-1003 |
| Heat Seal | >10 lbs/in | 375°F, 1/2 sec 60 psi |
| Tensile | 9000 PSI | ASTM D882 |
| Puncture Resistance | >10 lbs | MIL-STD-3010, 2065 |
| MVTR | <0.40 | FTMS 101C/2065 |
| 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 compatible: | Contains no Amines, Amides, or N-Octanoic Acid. |
| Bag is free of amines, N-octanoic acid, silicones and heavy metals. | |

ANSI/ESD S541 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."

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 Desco.com.

The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20.

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



*Made in the United States of America

Specifications and procedures subject to change without notice.

*Film made in USA or Malaysia

STATSHIELD® BAG, SHIELDING, METAL-IN CONSTRUCTION, ZIPPER, .0030" (.0762mm)



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DRAWING NUMBER
13605

DATE:
October 2011