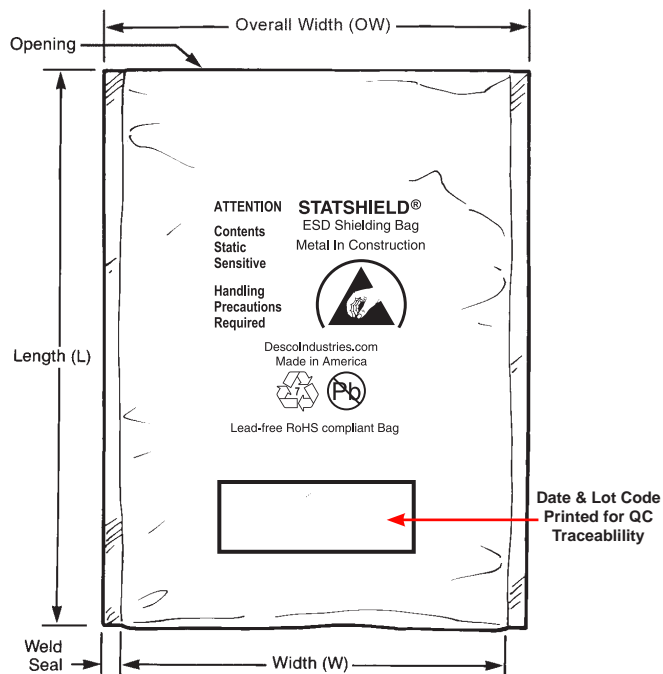
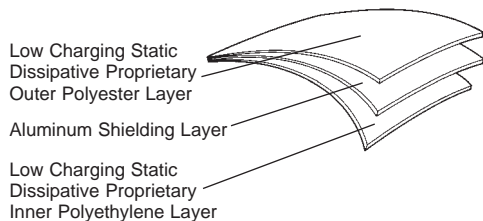


STATSHIELD® METAL-IN BOXED SERIES

Meets the required limits of ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and Static Control Bag standard ANSI/ESD S11.4-2012 Level 3.



Side Weld Seals 3/8 in. (±0.10)



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. See Shielding Bag Storage at [TB-7057](#).

Specifications:

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Discharge Shielding
Charge Generation

Capacitance Probe (to dissipate 1 KV)

Physical Properties

Bag Thickness:
Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile
Puncture Resistance
MVTR
Non-corrosive

Chemical Properties

Corrosion

Polycarbonate Capability,

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

Typical Values

1 x 10⁴ to < 1 x 10¹¹ ohms
1 x 10⁴ to < 1 x 10¹¹ ohms
<20 nJ
Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
<30 volts

Test Procedures/Method

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

Nominal 0.0030" (0.0762mm) ±10% MIL-STD-3010, 1003
Nominal -0" / + 0.125"
Nominal ± 0.125"
>40% (Tobias) ASTM D-1003
>10 lbs/in 375°F, 1/2 sec 60 psi
9000 PSI ASTM D882
>10 lbs MIL-STD-3010, 2065
<0.40 FTMS 101C/2065
Pass MIL-STD-3010, M3005

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

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 2 and REACH Compliance Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2013/06/20 are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See [Desco Limited Warranty at Desco.com](#).



*Made in the United States of America

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

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc. See Bag Selection Chart Click [HERE](#).

Specifications and procedures subject to change without notice.

*Film made in USA or Malaysia

STATSHIELD® METAL-IN BOXED, 0.0030" (0.0762mm)

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](#)
PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370

**DRAWING
NUMBER**
13330

DATE:
April
2014

DESCO