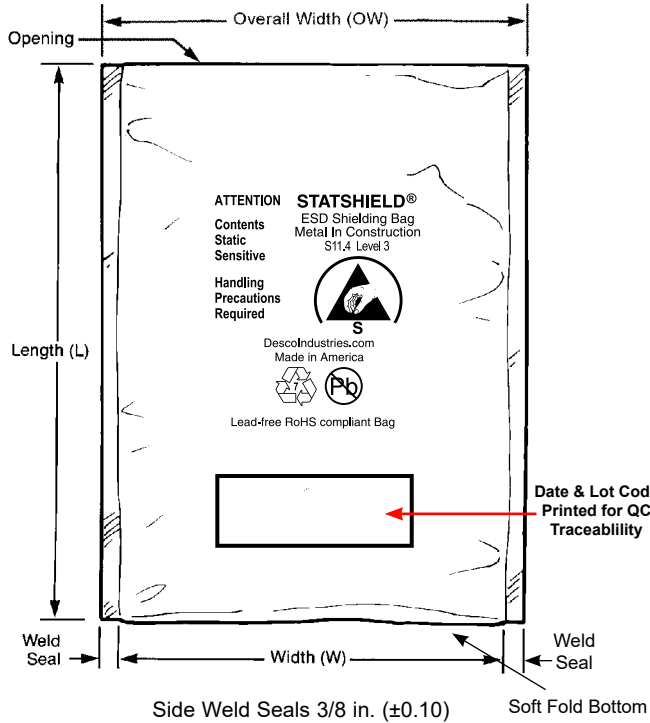


STATSHIELD® METAL-IN SERIES



Specifications:

Standard Document
 ANSI/ESD S541 (ANSI/ESD S20.20)
 ANSI/ESD S11.4

Electrical Properties

Surface Resistance:
 Outer Surface 1 x 10⁴ to < 1 x 10¹¹ ohms
 Inner Surface 1 x 10⁴ to < 1 x 10¹¹ 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) <30 volts

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

Meets Requirements of:
 ESD Protective Packaging
 Level 3 Technical Requirements

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

Physical Properties

Film Thickness Nominal 0.0030" (0.0762mm) ±10%
 Width (Inside Dimensions) Nominal -0" / + 0.125"
 Length (Inside Dimensions) Nominal ± 0.125"
 Light Transmission >40% (Tobias)
 Heat Seal >10 lbs/in
 Tensile Strength 4600 PSI, 32 MPa
 Puncture Resistance >10 lbs
 Non-corrosive Pass
 Silicone Not detected
 Marking Adhesion Pass

MIL-STD-3010, 1003

ASTM D-1003
 375°F, 1/2 sec 60 psi
 ASTM D882
 MIL-STD-3010, 2065
 MIL-STD-3010, M3005
 FTIR
 IPC-TM-650 2.4.1

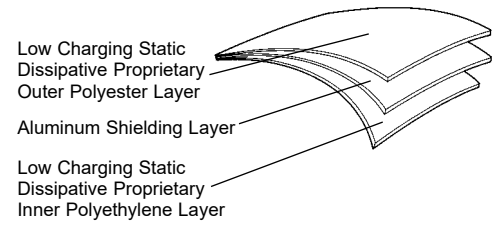
ANSI/ESD S541 Section 6.2 Outside an EPA

"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, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, REACH substances of very high concern as of 2016/06/20, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/ EU and Regulation (EC) No. 1907/2006/CE. See Desco Industries Inc. [Limited Warranty at Desco.com](#).



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](#).

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



Made in the United States of America

Specifications and procedures subject to change without notice.

STATSHIELD® BAG, SHIELDING, METAL-IN, 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
 13405

DATE:
 August 2016

