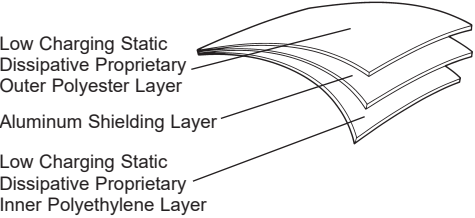
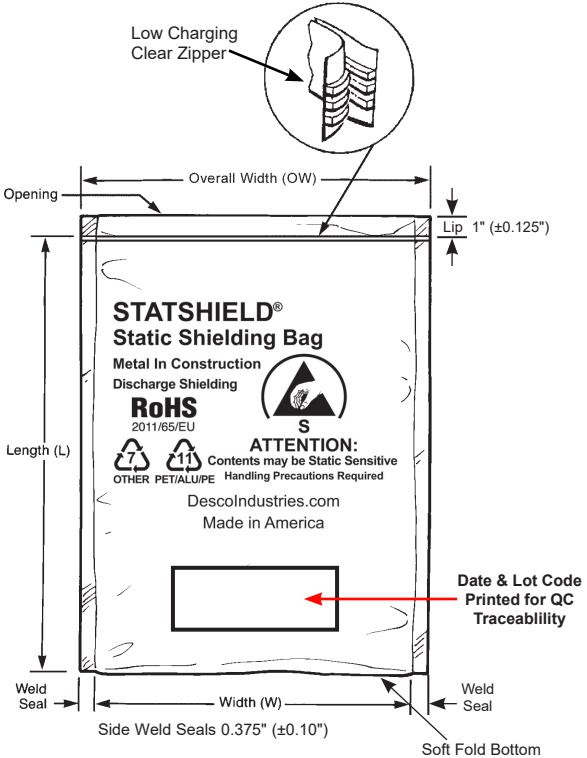


STATSHIELD® METAL-IN SERIES



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

Specifications:

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

Electrical Properties
 Surface Resistance:
 Outer Surface
 Inner Surface
 Discharge Shielding
 Charge Generation

Capacitance Probe (to dissipate 1 KV)

Physical Properties
 Film Thickness
 Width (Inside Dimensions)
 Length (Inside Dimensions)
 Light Transmission
 Heat Seal
 Tensile Strength
 Puncture Resistance
 Silicone
 Marking Adhesion

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
 Nominal 3.0 mil (0.07mm) ±10%
 Nominal -0" / + 0.250"
 Nominal ± 0.125", Offset 0 to 1/4"
 >40% (Tobias)
 >10 lbs/in
 4600 PSI, 32 MPa
 >10 lbs
 Not detected
 Pass

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
 MIL-STD-3010, 1003
 ASTM D-1003
 375°F, 1/2 sec 60 psi
 ASTM 882
 MIL-STD-3010, 2065
 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, REACH, and Conflict Minerals Statement:
 See [RoHS, REACH, and Conflict Minerals Statement](#) at Desco.com.
Limited Warranty
 See Desco's [Limited Warranty](#) at Desco.com

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

Specifications and procedures subject to change without notice.



Made in the United States of America

STATSHIELD® BAG, SHIELDING, METAL-IN CONSTRUCTION, ZIPPER, 3.0 MIL (0.07mm)



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DRAWING NUMBER
 13605

DATE:
 June 2019