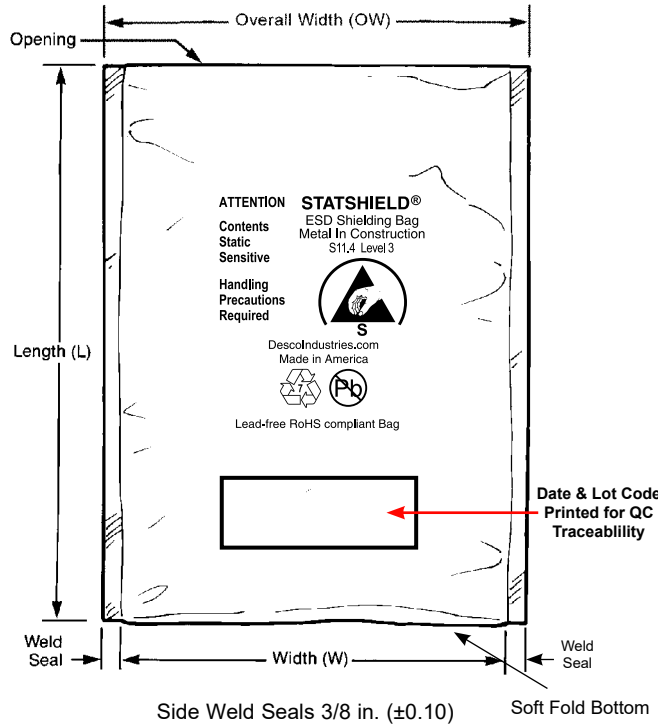
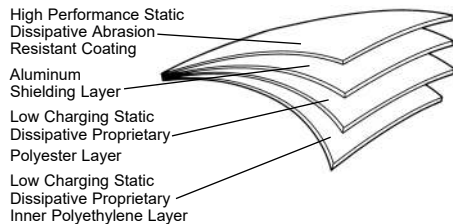


STATSHIELD® METAL-OUT SERIES



** Bags are printed (hot stamp or thermal) with an ESD protective symbol and a lot code for traceability. **



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
Protektive Pak's bags are recyclable

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

Typical Values

1 x 10⁴ to < 1 x 10⁸ ohms
 1 x 10⁴ to < 1 x 10¹¹ ohms
 <20 nJ
 Teflon: -0.03 nC/sq. in.
 Quartz: +0.10 nC/sq. in.
 <30 volts

Capacitance Probe (to dissipate 1 KV)

Physical Properties:

Film Thickness
 Width (Inside Dimensions)
 Length (Inside Dimensions)
 Light Transmission
 Puncture Resistance
 Heat Seal
 Non-corrosive
 Silicone
 Marking Adhesion

Nominal 0.003" (0.0762mm) ±10%
 Nominal -0" / + 0.125"
 Nominal ± 0.125"
 40% (Tobias)
 >10 lbs
 >10 lbs/in.
 Pass
 Not detected
 Pass

Chemical Properties

Corrosion

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

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
 MIL-STD-3010, 2065
 375°F, 1/2 sec 60 psi
 MIL-STD-3010, M3005
 ASTM E168
 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 the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
[Regulatory Statement Statshield Bags.pdf](#)
 See Protektive Pak's Limited Warranty:
[ProtektivePak.com/Limited-Warranty](#)



Made in the United States of America

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

Specifications and procedures subject to change without notice.

Statshield® bags are packaged 100 per package in an oversized shielding bag.
 See Shielding Bag Storage at [TB-7057](#).

STATSHIELD® BAG, SHIELDING, METAL-OUT

PROTEKTIVE PAK
 13520 MONTE VISTA AVENUE, CHINO, CA 91710
 PHONE (909) 627-2578
[ProtektivePak.com](#)

DRAWING NUMBER
 48750

DATE:
 September
 2021

