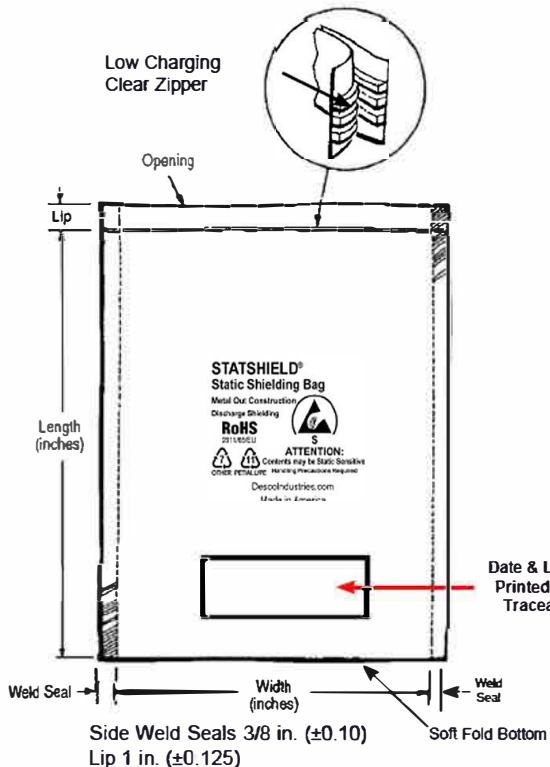


STATSHIELD® METAL-OUT SERIES



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

1×10^4 to $< 1 \times 10^8$ ohms
 1×10^4 to $< 1 \times 10^{11}$ 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 bs
>10 bs/in.
Pass
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, 1 kV Discharge

MIL-STD-3010, 1003

ASTM D-1003
MIL-STD-3010, 2065
375°F, 1/2 sec 60 psi
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, REACH and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
[Desco.com/pdf/REACHRoHSConflictMinerals-Desco_Bags.pdf](https://www.desco.com/pdf/REACHRoHSConflictMinerals-Desco_Bags.pdf)

See the Desco Limited Warranty:

[Desco.DescoIndustries.com/Limited-Warranty.aspx](https://www.DescoIndustries.com/Limited-Warranty.aspx)

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

For product listing, Click [HERE](#)
See Bag Selection Chart Click [HERE](#)



Made in the
United States of America



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 and procedures subject to change without notice.

STATSHIELD® BAG, SHIELDING, METAL-OUT CONSTRUCTION, ZIPPER, 0.003" (0.0762mm)

DESCO

**DRAWING
NUMBER**
13205

DATE:
April
2018