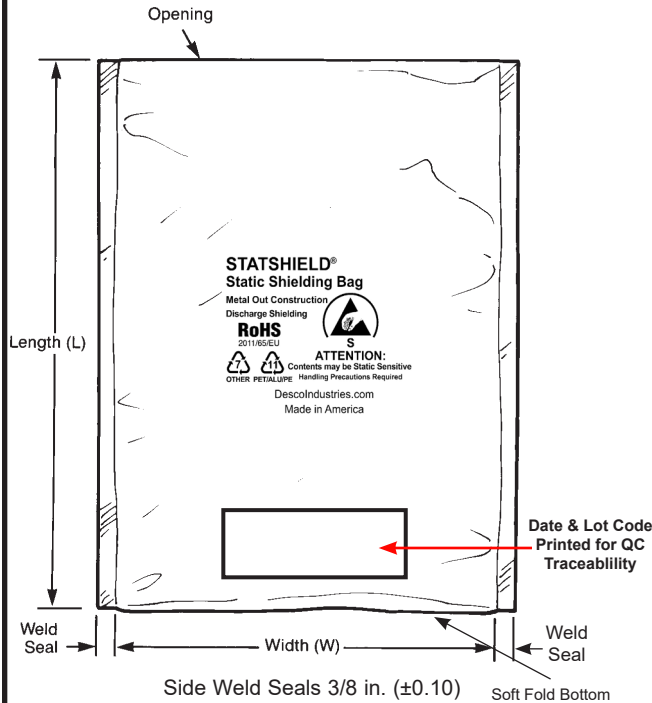


STATSHIELD® METAL-OUT SERIES



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 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

Physical Properties:

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

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

Meets Requirements of:

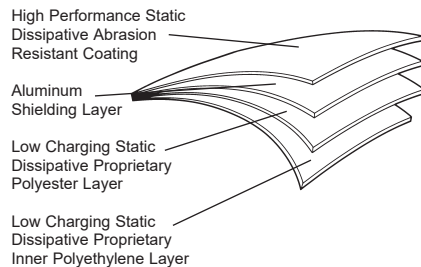
ESD Protective Packaging
Level 3 Technical Requirements

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, 1kV 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://desco.com/pdf/REACHRoHSConflictMinerals-Desco_Bags.pdf)

See the Desco Limited Warranty:

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



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-7507](#).

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-OUT CONSTRUCTION, 3.0 MIL (0.07mm)

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PHONE (909) 627-8178

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

**DRAWING
NUMBER**
13010

DATE:
June
2019

DESCO

Mouser Electronics

Authorized Distributor

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