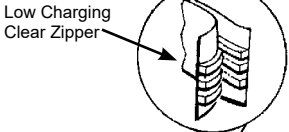
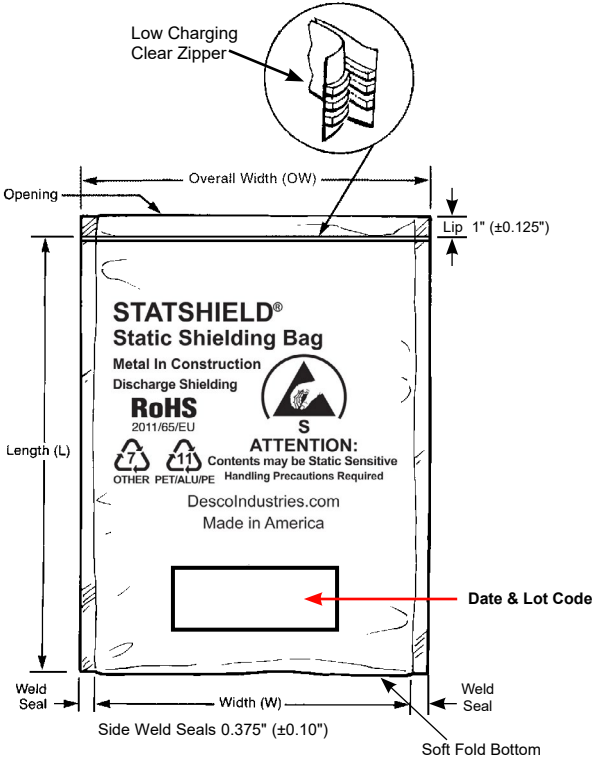


STATSHIELD® METAL-IN SERIES



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 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

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
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/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

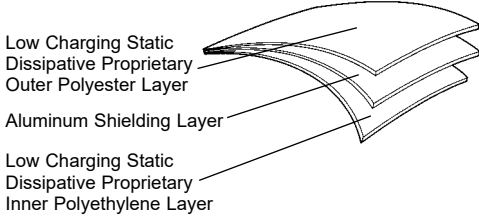
"Transportation of sensitive products outside of an EPA shall require packaging that provides:

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 the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
https://desco.descoindustries.com/pdf/Regulatory_Statements_Desco_Statshield_Bags.pdf

See the Desco Limited Warranty:
Desco.DescoIndustries.com/Limited-Warranty.aspx

**** Bags are printed (hot stamped or thermal transferred) 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
Desco's bags are recyclable

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 CONSTRUCTION, ZIPPER, 3.0 MIL (0.07mm)



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
13605

DATE:
September 2021

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