

STATSHIELD® METAL-IN SERIES



STATSHIELD®
Static Shielding Bag

Metal In Construction
Discharge Shielding

RoHS
2011/65/EU



ATTENTION:
Contents may be Static Sensitive
Handling Precautions Required

DescoIndustries.com
Made in America

Specifications:

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

Electrical Properties

Surface Resistance:
Outer Surface 1 x 10⁴ to < 1 x 10¹¹ ohms
Inner Surface 1 x 10⁴ to < 1 x 10¹¹ ohms
Discharge Shielding <20 nJ
Charge Generation Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
Capacitance Probe (to dissipate 1 KV) <30 volts

Typical Values

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
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/in
4600 PSI, 32 MPa
>10 lbs
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
375°F, 1/2 sec 60 psi
ASTM D882
MIL-STD-3010, 2065
MIL-STD-3010, M3005
FTIR
IPC-TM-650 2.4.1

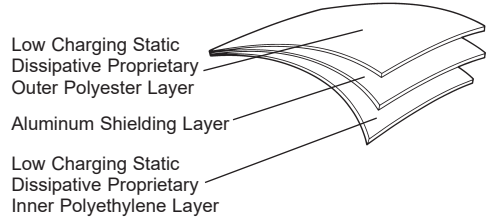
ANSI/ESD S541 Section 6.2 Outside an EPA

"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 [RoHS, REACH, and Conflict Minerals Statement](#) at Desco.com.

Limited Warranty
See Desco's [Limited Warranty](#) at Desco.com



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](#).

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, 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
13405

DATE:
June 2019