STATSHIELD® METAL-IN BOXED SERIES

Specifications:

Electrical Properties

Standard Document

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

Meets Requirements of:

ESD Protective Packaging Level 3 Technical Requirements

Test Procedures/Method

Surface Resistance:

Outer Surface $1 \times 10^4 \text{ to} < 1 \times 10^{11} \text{ ohms}$ Inner Surface $1 \times 10^4 \text{ to} < 1 \times 10^{11} \text{ ohms}$ ANSI/ESD STM11.11

Discharge Shielding < 20 nJANSI/ESD STM11.31, EIA 541

Charge Generation

Teflon: 0.09 nC/sq. in.

Modified Incline Plane

Quartz: 0.01 nC/sq. in.

Modified Incline Plane

Capacitance Probe (to dissipate 1 KV) <30 volts ANSI/EIA-541/Appendix E, 1kV Discharge

Physical Properties

Date & Lot Code

Printed for QC

Traceablility

Film Thickness Nominal 0.0030" (0.0762mm) $\pm 10\%$ MIL-STD-3010, 1003 Width (Inside Dimensions) Nominal -0" / ± 0.0000 + 0.125"

Typical Values

 Length (Inside Dimensions)
 Nominal ± 0.125"

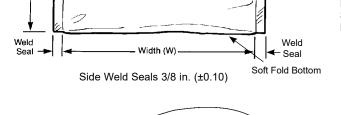
 Light Transmission
 >40% (Tobias)
 ASTM D-1003

 Heat Seal
 >10 lbs/in
 375°F, 1/2 sec 60 psi

 Tensile Strength
 4600 PSI, 32 MPa
 ASTM 882

Puncture Resistance >10 lbs MIL-STD-3010, 2065
Non-corrosive Pass MIL-STD-3010, M3005
Silicone Not detected FTIR

Marking Adhesion Pass IPC-TM-650 2.4.1



DescoIndustries.com Made in America

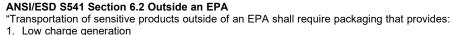
Overall Width (OW)

STATSHIELD®

Metal In Construction

Possible Pos

Static Shielding Bag



- 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

See the Desco Limited Warranty:

Desco.DescoIndustries.com/Limited-Warranty.aspx



Low Charging Static

Dissipative Proprietary

Outer Polyester Layer

Aluminum Shielding Layer

Low Charging Static

Dissipative Proprietary Inner Polyethylene Layer

Opening

Length (L)

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.



Specifications and procedures subject to change without notice.

STATSHIELD® METAL-IN BOXED, 0.0030" (0.0762mm)



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PHONE (781) 821-8370

DRAWING NUMBER 13330

DATE: April 2018