# STATSHIELD® METAL-OUT SERIES





DescoIndustries.com

Made in America

Opening

# **Specifications:**

### **Standard Document**

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

#### **Electrical Properties** Surface Resistance:

Outer Surface  $1 \times 10^4 \text{ to} < 1 \times 10^8 \text{ ohms}$ Inner Surface  $1 \times 10^4 \text{ to} < 1 \times 10^{11} \text{ ohms}$ Discharge Shielding <20 nJ Charge Generation

Quartz: +0.10 nC/sq. in.

Capacitance Probe (to dissipate 1 KV) <30 volts

### **Typical Values**

Teflon: -0.03 nC/sq. in.

# MIL-STD-3010, 1003

Meets Requirements of:

**ESD Protective Packaging** 

Test Procedures/Method

ANSI/ESD STM11.31. EIA 541

ANSI/EIA-541/Appendix E. 1kV Discharge

ANSI/ESD STM11.11

ANSI/FSD STM11 11

Modified Incline Plane

Modified Incline Plane

Level 3 Technical Requirements

**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

## **Physical Properties:**

Printed for QC

Traceablility

Weld

Seal

Soft Fold Bottom

Film Thickness Nominal 3.0 mil (0.07mm) ±10% Width (Inside Dimensions) Nominal -0" / + 0.250" Length (Inside Dimensions) Nominal ± 0.125", Offset 0 to 1/4" Light Transmission 40% (Tobias)

Date & Lot Code Puncture Resistance >10 lbs Heat Seal >10 lbs/in. Non-corrosive Pass Silicone Not detected

> Marking Adhesion Pass

High Performance Static Dissipative Abrasion Resistant Coating Aluminum Shielding Layer Low Charging Static . Dissipative Proprietary Polyester Layer Low Charging Static Dissipative Proprietary

Inner Polyethylene Layer

Width (W)

Side Weld Seals 3/8 in. (±0.10)

#### 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
- 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

Weld

# 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



Specifications and procedures subject to change without notice.

# STATSHIELD® BAG, SHIELDING, METAL-OUT CONSTRUCTION, 3.0 MIL (0.07mm)



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**DRAWING NUMBER** 13010

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