

STATSHIELD® METAL-IN BOXED SERIES



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
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."



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

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at Desco.com.

Specifications:

Electrical Properties

Surface Resistance:

Outer Surface

Inner Surface

Static Shielding

Charge Generation

Capacitance Probe (to dissipate 1 KV)

Typical Values

<10E11 ohms

<10E11 ohms

<25 nJ

Teflon: 0.09 nC/sq. in.

Quartz: 0.01 nC/sq. in.

<30 volts

Test Procedures/Method

ANSI/ESD STM11.11

ANSI/ESD STM11.11

ANSI/ESD STM11.31

Modified Incline Plane

Modified Incline Plane

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

Physical Properties

Bag Thickness:

Thickness

Width (Inside Dimensions)

Length (Inside Dimensions)

Light Transmission

Burst Strength

Heat Seal

Tear Strength

Puncture Resistance

MVTR

OTR

Abrasion Resistance

Outgassing

Non-corrosive

Nominal .0030" (.0762mm) ±10%

Nominal -0" / + .125"

Nominal ± .125"

>40% (Tobias)

>50 psi

>10 lbs/in

>25 lbs

>10 lbs

<0.40

<6.1

>100 cycles

Pass

Pass

ASTM D-2103

ASTM D-1003

FTMS 101K, Method 2065.1

375°F, 1/2 sec 60 psi

ASTM D-1004

ASTM D-2065

FTMS 101C/2065

ASTM D-1434

Sutherland Abr. (.0000 Steel Wool)

ASTM E595

MIL-STD-3010, M3005

Chemical Properties

Corrosion

No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel

Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20. Bag is free of amines, amides, N-octanoic acid, and heavy metals.

Statshield®, Statfree®, and Faraday® are Registered Trademarks of Desco Industries Inc.

The Statshield® Metal-In Boxed Series are packaged 100 per package and placed in a pizza style box. Depending on the size of the bag, each pizza style box will contain 100(1 pack), 500 (5 packs), or 1000 (10 packs) bags. Orders for bags sizes that are less than the normally packed 500 (5 packs) or 1000 (10 packs) quantities may be shipped without a pizza style box.

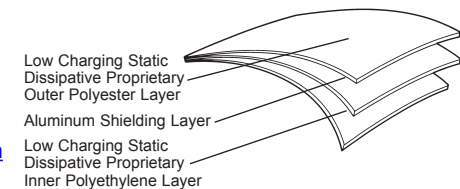
See Bag Selection Chart and other useful packaging information at Desco.com

Specifications and procedures subject to change without notice.

*Film made in USA or Malaysia



Made in America*



STATSHIELD® METAL-IN BOXED, .0030" (.0762mm)

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**DRAWING
 NUMBER**
 13330

DATE:
 July
 2011

DESCO