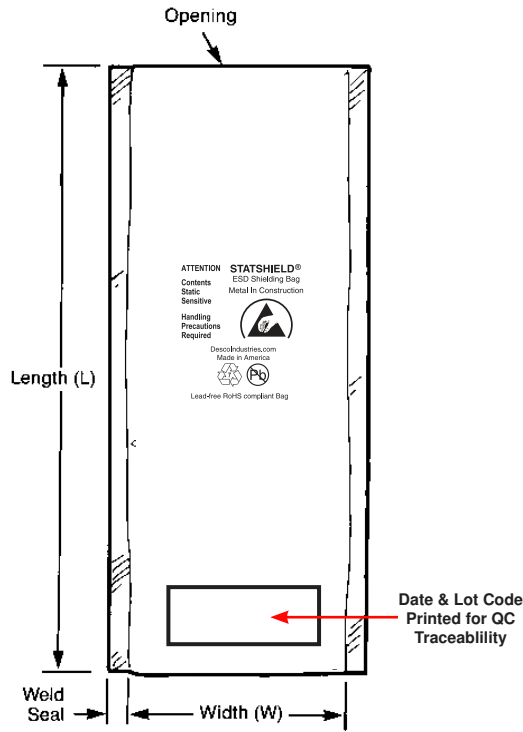
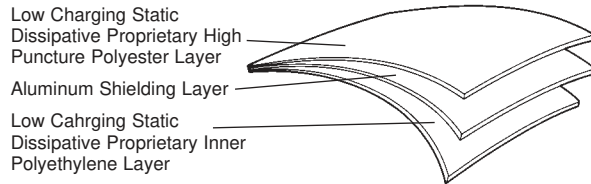


BAG, STATSHIELD®, METAL-IN, HIGH-STRENGTH SERIES



Side Weld Seals 3/8 in. (±0.10)



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

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, EIA 541

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

Heat Seal

Tensile Strength

Puncture Resistance

MVTR

Outgassing

Non-corrosive

Nominal .0030" (.0762mm) ±10%

Nominal -0" / + .125"

Nominal ± .125"

>40% (Tobias)

>10 (lbs/in)

>30 lbs

>19 lbs

<0.40

Pass

Pass

MIL-STD-3010, 1003

ASTM D-1003

375°F, 1/2 sec 60 psi

ASTM D882

MIL-STD-3010, 2065

FTMS 101C/2065

ASTM E595

MIL-STD-3010, M3005

Chemical Properties

Corrosion:

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

Contains no Amines, Amides, or N-Octanoic Acid.

Polycarbonate compatible:

Bag is free of amines, N-octanoic acid, silicones and heavy metals.

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 and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at Desco.com.

The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20.

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



*Made in the United States of America

Specifications and procedures subject to change without notice.

*Film made in USA or Malaysia

Statshield® bags are packaged 100 per package in an oversized shielding bag.
Shelf life of bags is minimum one year in normal indoor storage conditions.

BAG, STATSHIELD®, METAL-IN, HIGH-STRENGTH, .0031" (.0787mm)

DESCO

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PHONE (909) 627-8178 FAX (909) 627-7449

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DRAWING NUMBER
13920

DATE:
October 2011