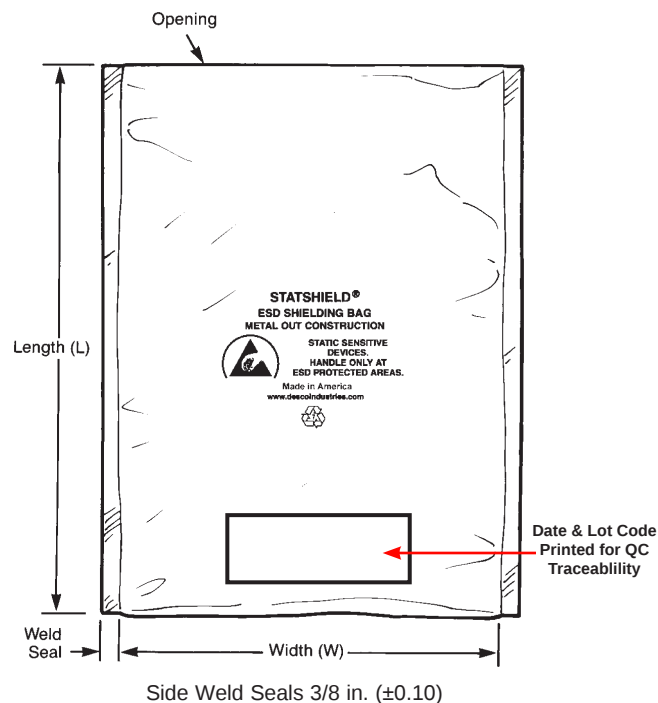


Mixed Unsortable Plastic Scrap

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.
Shelf life of bags is minimum one year in normal indoor storage conditions.

DESCO

STATSHIELD® METAL-OUT SERIES



Specifications:

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Static Shielding
Charge Generation (nC/in²)

Capacitance Probe (to dissipate 1 KV)

Typical Values

<10E8 ohms
<10E11 ohms
<25 nJ
Teflon: -0.03
Quartz: +0.10
<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
Tensile
Puncture Resistance
MVTR
Heat Seal
Outgassing
Non-corrosive

Nominal .0030" (.0762mm) ±10%
Nominal -0" / + .125"
Nominal ± .125"
40% (Tobias)
9000 PSI
>10 lbs
0.40
>10 lbs/in.
Pass
Pass

MIL-STD-3010, 1003

ASTM D-1003
ASTM D882
MIL-STD-3010, 2065
ASTM F-1249
375°F, 1/2 sec 60 psi
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.

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.

Specifications and procedures subject to change without notice.



STATSHIELD® BAG, SHIELDING, METAL-OUT CONSTRUCTION, .0030" (.0762mm)

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: Desco.com
PHONE (909) 627-8178 FAX (909) 627-7449

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370 FAX (781) 575-0172

**DRAWING
NUMBER**
13010

DATE:
October
2011