



Side Weld Seals 3/8 in.

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 <10E11 ohms
Aluminum Layer <10E2 ohms
Inner Surface <10E11 ohms

Static Shielding <25 nJ

Charge Generation

Typical Values

Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
<30 volts

Capacitance Probe (to dissipate 1 KV)

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.31, MILF-PRF-81705D, EIA 541
Modified Incline Plane
Modified Incline Plane
ANSI/EIA-541/Appendix E, 1kV Discharge

Physical Properties

Bag Thickness:

Thickness

Nominal .0030" (.0762mm) ±10%

ASTM D-2103

Width (Inside Dimensions)

Nominal -0" / + .125"

Length (Inside Dimensions)

Nominal ± .125"

Light Transmission

>40% (Tobias)

ASTM D-1003

Burst Strength

>50 psi

FTMS 101K, Method 2065.1

Heat Seal

>10 lbs/in

375°F, 1/2 sec 60 psi

Seam Strength

Pass

MIL-PRF-81705D

Tear Strength

>25 lbs

ASTM D-1004

Puncture Resistance

>10 lbs

ASTM D-2065

MVTR

<0.40

FTMS 101C/2065

OTR

<6.1

ASTM D-1434

Abrasion Resistance

>100 cycles

Sutherland Abr. (.0000 Steel Wool)

Outgassing

Pass

ASTM E595

Non-corrosive

Pass

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 performance specification requirements of Mil-PRF-81705D, Type III. Bag is free of amines, amides, N-octanoic acid, and heavy metals.

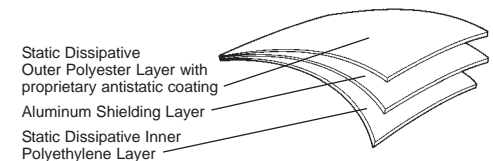
Statshield®, Statfree®, and Faraday® are Registered Trademarks of Desco Industries Inc.

Statshield® bags are packaged 100 per package in an oversized shielding bag rather than a cardboard box. Therefore, our bags are not exposed to water vapors that will degrade the metallized shielding layer. Our bags have an additional layer of barrier protection because of our packaging.

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



Made in America



STATSHIELD® BAG, SHIELDING, METAL IN 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**
13405

DATE:
February
2009

DESCO