

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.

STATSHIELD® METAL-IN SERIES



Specifications:

Electrical Properties

Surface Resistance:
 Outer Surface
 Aluminum Layer
 Inner Surface
 Static Shielding
 Charge Generation

Typical Values

<10E11 ohms
 <10E2 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 STM11.11
 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
 Width (Inside Dimensions)
 Length (Inside Dimensions)
 Light Transmission
 Burst Strength
 Heat Seal
 Seam Strength
 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
 Pass
 >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
 MIL-PRF-81705D
 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

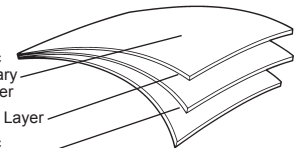
Corrosion
 No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel
 Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

The bag's material meets the 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.

Low Charging Static
 Dissipative Proprietary
 Outer Polyester Layer
 Aluminum Shielding Layer
 Low Charging Static
 Dissipative Proprietary
 Inner Polyethylene Layer



Made in America

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

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

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DRAWING
 NUMBER
 13405

DATE:
 June
 2009