

Side Weld Seals 3/8 in.

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.

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 <10E8 ohms
Aluminum Layer <10E2 ohms
Inner Surface <10E11 ohms
Static Shielding <25 nJ
Charge Generation (nC/in²) Teflon: -0.03
Quartz: +0.10
Capacitance Probe (to dissipate 1 KV) <30 volts

Physical Properties:

Bag Thickness: Nominal .0030" (.0762mm) ±10%
Thickness 40% (Tobias)
Light Transmission Pass
Seam Strength >25 lbs
Tear Strength >10 lbs
Puncture Resistance 0.40
MVTR >50 psi
Burst Strength >10 lbs/in.
Heat Seal >30 cycles
Abrasion Resistance Pass
Outgassing Pass
Non-corrosive Pass

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.

STATSHIELD® M/O SERIES



Test Procedures/Method

ANSI/ESD S11.11
ANSI/ESD S11.11
ANSI/ESD S11.11
ANSI/ESD S11.31, MIL-PRF-81705D, EIA 541
Modified Incline Plane
Modified Incline Plane
ANSI/EIA-541/Appendix E, 1 kV Discharge

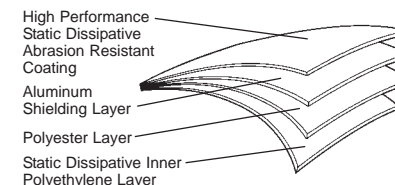
ASTM D-2103
ASTM D-1003
MIL-PRF-81705D
ASTM D-1004
ASTM D-2065
ASTM F-1249
FTMS 101C, 2065.1
375°F, 1/2 sec 60 psi
Sutherland Abr. (.0000 Steel Wool)
ASTM E595
MIL-STD-3010, M3005



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



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

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.



Made in America

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

DESCO

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**
13205

DATE:
February
2009