

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](http://Desco.com).

See Bag Selection Chart and other useful packaging information at [Desco.com](http://Desco.com)

# DESCO

## STATSHIELD® M/O SERIES



### Specifications:

#### Electrical Properties

Surface Resistance:	
Outer Surface	<10E8 ohms
Aluminum Layer	<10E2 ohms
Inner Surface	<10E11 ohms
Static Shielding	<25 nJ
Charge Generation (nC/in <sup>2</sup> )	Teflon: -0.03 Quartz: +0.10
Capacitance Probe (to dissipate 1 KV)	<30 volts

#### Typical Values

#### Test Procedures/Method

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

#### Physical Properties:

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

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

#### Chemical Properties

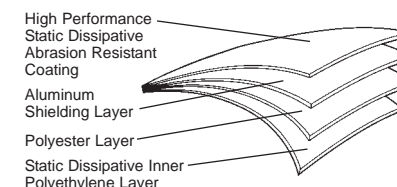
Corrosion	No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel
Polycarbonate compatible:	Contains no Amines, Amides, or N-Octanoic Acid.



#### 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**



*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, .0030" (.0762mm)

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](http://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:**  
February  
2009