



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
- Aluminum Layer
- Inner Surface

Static Shielding

Charge Generation

Capacitance Probe (to dissipate 1 KV)

Physical Properties

Bag Thickness:

Thickness

Light Transmission

Burst Strength

Heat Seal

Seam Strength

Tear Strength

Puncture Resistance

MVTR

OTR

Abrasion Resistance

Outgassing

Non-corrosive

Chemical Properties

Corrosion

Polycarbonate Capability,

No Amines or N-Octanoic Acid

STATSHIELD® M/I SERIES

Typical Values

<10E11 ohms

<10E2 ohms

<10E11 ohms

<25 nJ

Teflon: 0.09 nC/sq. in.

Quartz: 0.01 nC/sq. in.

<30 volts

Nominal .0030" (.0762mm) ±10%

>40% (Tobias)

>50 psi

>10 lbs/in

Pass

>25 lbs

>10 lbs

<0.40

<6.1

>100 cycles

Pass

Pass

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

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

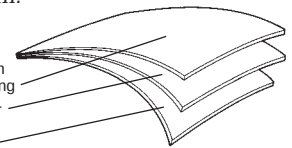


The bag's material meets the performance specification requirements of Mil-PRF-81705D, Type III. Bag is free of amines, N-octanoic acid, and heavy metals.

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.

Static Dissipative
Outer Polyester Layer with
proprietary antistatic coating
Aluminum Shielding Layer
Static Dissipative 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:
July
2008

DESCO