STATSHIELD® METAL-IN SERIES
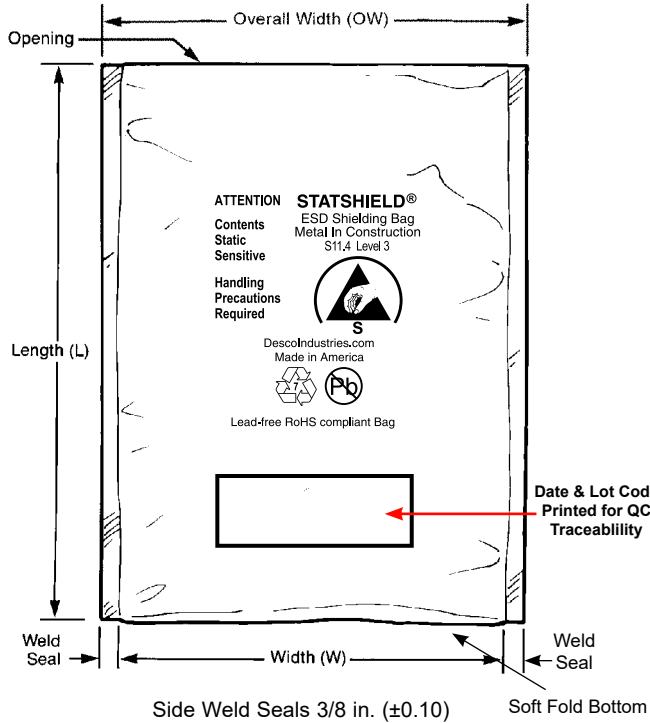
Specifications:

Standard Document
ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4

Meets Requirements of:
ESD Protective Packaging
Level 3 Technical Requirements

Electrical Properties	Typical Values	Test Procedures/Method
Surface Resistance:		
Outer Surface	1×10^4 to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
Inner Surface	1×10^4 to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
Discharge Shielding	<20 nJ	ANSI/ESD STM11.31, EIA 541
Charge Generation	Teflon: 0.09 nC/sq. in.	Modified Incline Plane
	Quartz: 0.01 nC/sq. in.	Modified Incline Plane
Capacitance Probe (to dissipate 1 KV)	<30 volts	ANSI/EIA-541/Appendix E, 1kV Discharge

Physical Properties		
Film Thickness	Nominal 0.0030" (0.0762mm) ±10%	MIL-STD-3010, 1003
Width (Inside Dimensions)	Nominal -0" / + 0.125"	
Length (Inside Dimensions)	Nominal ± 0.125"	
Light Transmission	>40% (Tobias)	ASTM D-1003
Heat Seal	>10 lbs/in	375°F, 1/2 sec 60 psi
Tensile Strength	4600 PSI, 32 MPa	ASTM D882
Puncture Resistance	>10 lbs	MIL-STD-3010, 2065
Non-corrosive	Pass	MIL-STD-3010, M3005
Silicone	Not detected	FTIR
Marking Adhesion	Pass	IPC-TM-650 2.4.1

Drawing labels

Opening
Overall Width (OW)
Length (L)
Width (W)
Weld Seal
Weld Seal
Soft Fold Bottom
Side Weld Seals 3/8 in. (±0.10)

ATTENTION
Contents Static Sensitive
Handling Precautions Required

STATSHIELD®
ESD Shielding Bag
Metal In Construction
S11.4 Level 3

S

DescoIndustries.com
Made in America

Lead-free RoHS compliant Bag

Pb

Date & Lot Code Printed for QC Traceablility

Low Charging Static Dissipative Proprietary Outer Polyester Layer
Aluminum Shielding Layer
Low Charging Static Dissipative Proprietary Inner Polyethylene Layer
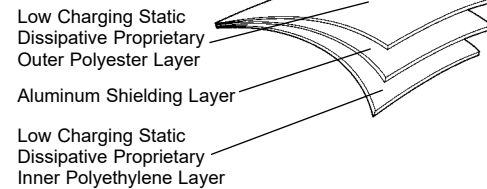
ANSI/ESD S541 Section 6.2 Outside an EPA
"Transportation of sensitive products outside of an EPA shall require packaging that provides:
1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

RoHS 2, REACH and Conflict Minerals Statement
None of the RoHS 2 restricted materials, REACH substances of very high concern as of 2016/06/20, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Desco Industries Inc. Limited Warranty at Desco.com.

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click HERE.

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

Statshield® bags are packaged 100 per package in an oversized shielding bag.
See Shielding Bag Storage at TB-7057.

Specifications and procedures subject to change without notice.

Made in the United States of America

STATSHIELD® BAG, SHIELDING, METAL-IN, 0.0030" (0.0762mm)

DESCO

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PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370

DRAWING NUMBER
13405

DATE:
August 2016