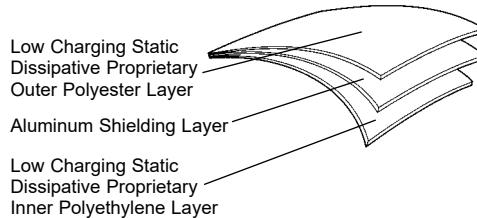
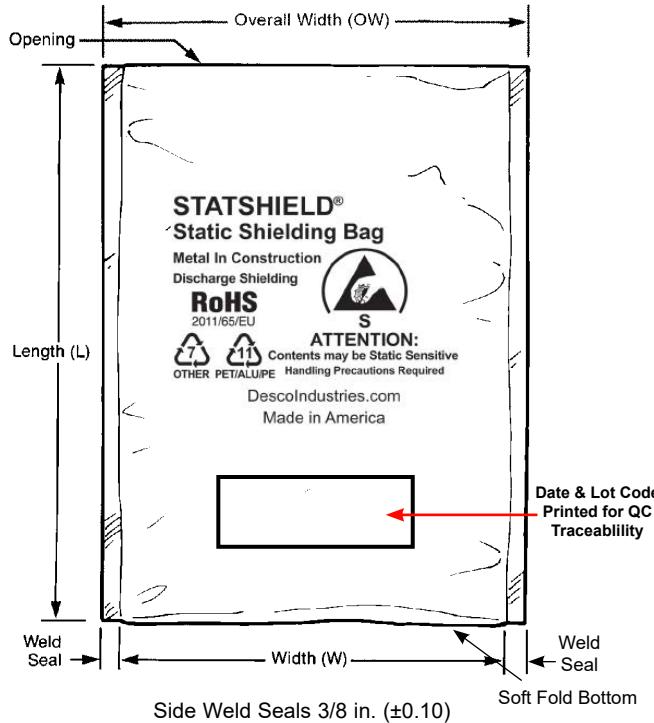


STATSHIELD® METAL-IN BOXED SERIES



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](#).

DESCO

Specifications:

Standard Document

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

Electrical Properties

Surface Resistance:	Typical Values
Outer Surface	1×10^4 to $< 1 \times 10^{11}$ ohms
Inner Surface	1×10^4 to $< 1 \times 10^{11}$ ohms
Discharge Shielding	<20 nJ
Charge Generation	Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in.
Capacitance Probe (to dissipate 1 KV)	<30 volts

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 882
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

Meets Requirements of:

ESD Protective Packaging
Level 3 Technical Requirements

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.31, EIA 541
Modified Incline Plane
Modified Incline Plane
ANSI/EIA-541/Appendix E, 1kV Discharge

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, REACH and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
Desco.com/pdf/REACHRoHSConflictMinerals-Desco_Bags.pdf

See the Desco Limited Warranty:

Desco.DescoIndustries.com/Limited-Warranty.aspx

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click [HERE](#).

Specifications and procedures subject to change without notice.

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

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PHONE (781) 821-8370



Made in the
United States of America

DRAWING NUMBER
13330

DATE:
April
2018

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Desco:

[13330](#) [13331](#) [13332](#) [13333](#) [13334](#) [13335](#) [13336](#) [13337](#) [13338](#) [13339](#) [13340](#) [13624](#)