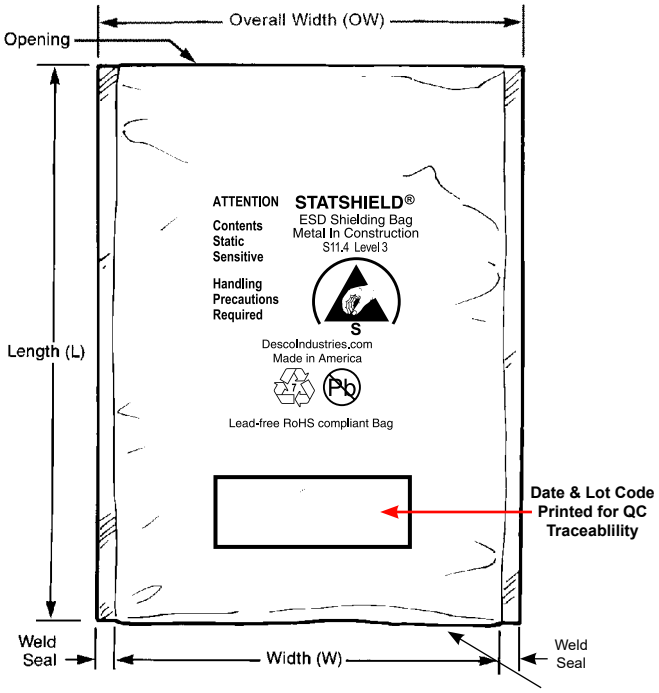
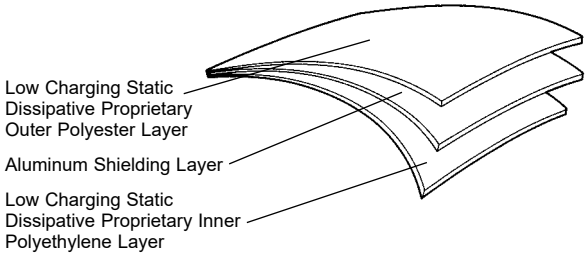
STATSHIELD® METAL-IN SERIES



*** Bags are printed (hot stamp or thermal) with an ESD protective symbol and a lot code for traceability. ***



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 x 10^4 to < 1 x 10^{11} ohms	ANSI/ESD STM11.11
Inner Surface	1 x 10^4 to < 1 x 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 882
Puncture Resistance	>10 lbs	MIL-STD-3010, 2065
Non-corrosive	Pass	MIL-STD-3010, M3005
Silicone	Not detected	ASTM E168
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Chemical Properties		
Corrosion	No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel	

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:
Regulatory_Statement_Statshield_Bags.pdf

See Protektive Pak's Limited Warranty:
ProtektivePak.com/Limted-Warranty

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.

Protektive Pak bags are recyclable

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

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click HERE.
Specifications and procedures subject to change without notice.

Made in the United States of America

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

PROTEKTIVE PAK

PROTEKTIVE PAK
13250 MONTE VISTA AVENUE, CHINO, CA 91710
PHONE (909) 627-2578
ProtektivePak.com

DRAWING NUMBER
48700

DATE:
September 2021

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