



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



STATSHIELD® METAL-OUT 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

Surface Resistance:
Outer Surface 1×10^4 to $< 1 \times 10^8$ ohms
Inner Surface 1×10^4 to $< 1 \times 10^{11}$ ohms
Discharge Shielding
Charge Generation
Teflon: -0.03 nC/sq. in.
Quartz: $+0.10$ nC/sq. in.
Capacitance Probe (to dissipate 1 KV) <30 volts

Typical Values

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, 1 kV Discharge

Physical Properties:

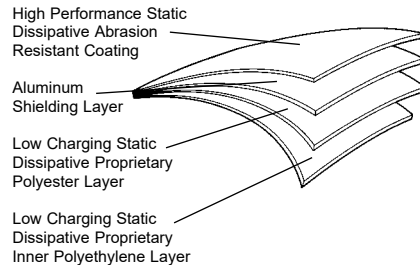
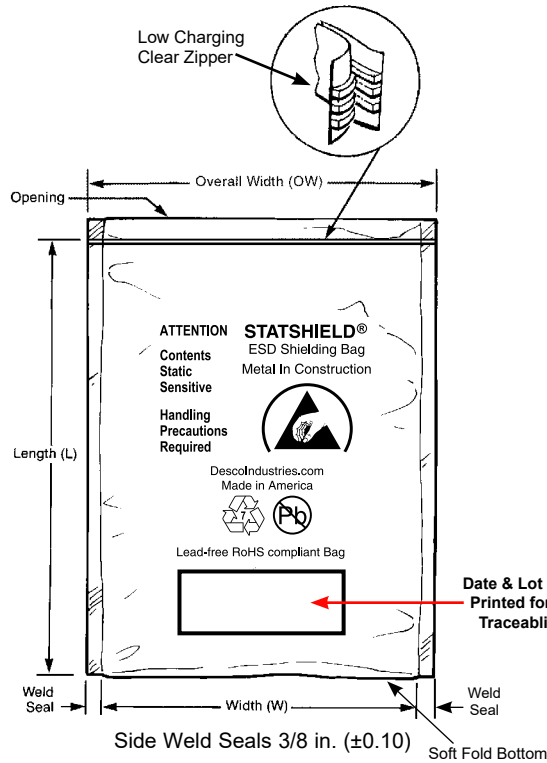
Film Thickness Nominal 0.003" (0.0762mm) $\pm 10\%$
Width (Inside Dimensions) Nominal $-0" / + 0.125"$
Length (Inside Dimensions) Nominal $\pm 0.125"$
Light Transmission 40% (Tobias)
Puncture Resistance >10 lbs
Heat Seal >10 lbs/in.
Non-corrosive Pass
Silicone Not detected
Marking Adhesion Pass

MIL-STD-3010, 1003

ASTM D-1003
MIL-STD-3010, 2065
375°F, 1/2 sec 60 psi
MIL-STD-3010, M3005
ASTM E168
IPC-TM-650 2.4.1

Chemical Properties

Corrosion
No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel



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's bags are recyclable

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 2015/12/17, 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 Protektive Pak's [Limited Warranty at ProtektivePak.com](#).

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



Made in the
United States of America

Specifications and procedures subject to change without notice.

STATSHIELD® BAG, SHIELDING, METAL-OUT, ZIPPER

PROTEKTIVE PAK
13520 MONTE VISTA AVENUE, CHINO, CA 91710
PHONE (909) 627-2578
ProtektivePak.com

DRAWING NUMBER
48770

DATE:
June
2016

PROTEKTIVE PAK

Statshield® bags are packaged 100 per package in an oversized shielding bag.
See **Shielding Bag Storage** at [TB-7057](#).