



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

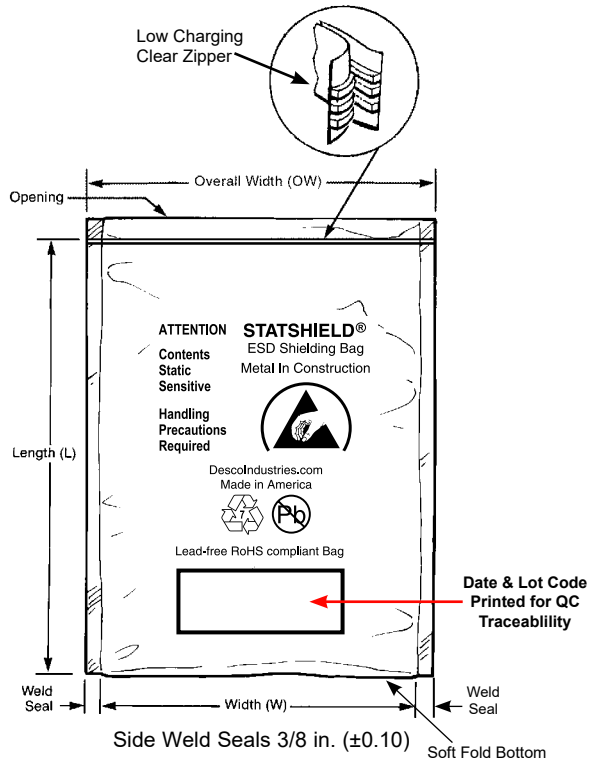
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



STATSHIELD® METAL-IN SERIES



Specifications:

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

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Discharge Shielding
Charge Generation

Capacitance Probe (to dissipate 1 KV)

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
 1×10^4 to $< 1 \times 10^{11}$ ohms
<20 nJ
Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
<30 volts

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

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
Silicone
Marking Adhesion

Nominal 0.0030" (0.0762mm) $\pm 10\%$
Nominal -0" / + 0.125"
Nominal ± 0.125 "
>40% (Tobias)
>10 lbs/in
4600 PSI, 32 MPa
>10 lbs
Not detected
Pass

MIL-STD-3010, 1003

ASTM D-1003
375°F, 1/2 sec 60 psi
ASTM 882
MIL-STD-3010, 2065
ASTM E168
IPC-TM-650 2.4.1

Chemical Properties

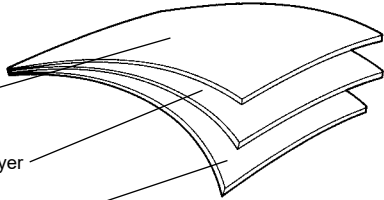
Corrosion

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

Low Charging Static Dissipative Proprietary Outer Polyester Layer

Aluminum Shielding Layer

Low Charging Static Dissipative Proprietary Inner Polyethylene Layer



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

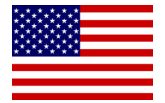
"Transportation of sensitive products outside of an EPA shall require packaging that provides:

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-IN, ZIPPER

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

PROTEKTIVE PAK

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[ProtektivePak.com](#)

DRAWING NUMBER
48720

DATE:
June
2016