



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

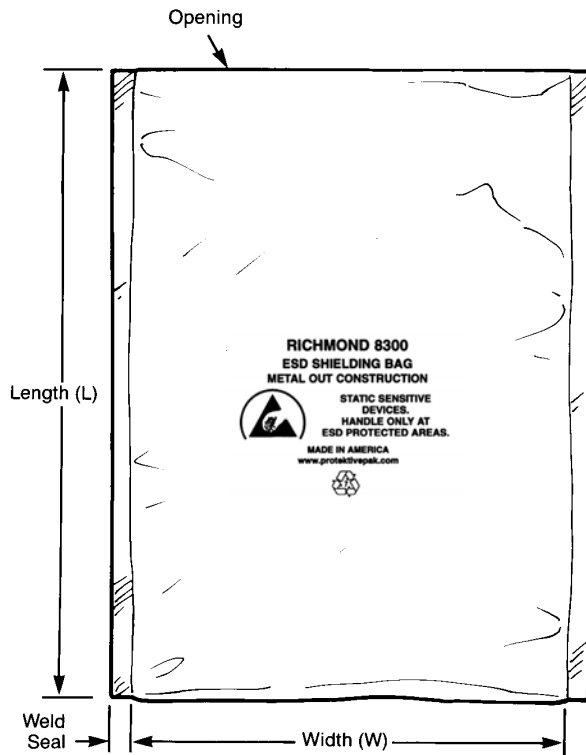
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



RICHMOND 8300 SERIES



Side Weld Seals 3/8 in.

Item No.	Size (in.) W x L	Item No.	Size (in.) W x L
48500	4 x 4	48509	10 x 14
48501	4 x 6	48510	11 x 15
48502	5 x 8	48511	12 x 16
48503	6 x 8	48512	12 x 18
48504	6 x 10	48513	14 x 16
48505	8 x 8	48514	14 x 18
48506	8 x 10	48515	14 x 24
48507	8 x 12	48516	18 x 24
48508	10 x 12		

Packaged 100 per package

Specifications:

Electrical Properties

Surface Resistance:
 Outer Surface <math><10^{11}</math> ohms
 Aluminum Layer <math><10^2</math> ohms
 Inner Surface <math><10^{11}</math> ohms
 Static Shielding <math><20</math> nJ
 Charge Generation (nC/in²) Teflon: -0.03
 Quartz: +0.10
 Capacitance Probe (to dissipate 1 KV) <math><30V</math>

Typical Values

<math><10^{11}</math> ohms
 <math><10^2</math> ohms
 <math><10^{11}</math> ohms
 <math><20</math> nJ
 Teflon: -0.03
 Quartz: +0.10
 <math><30V</math>

Test Procedures/Method

ANSI/ESD S11.11
 ANSI/ESD S11.11
 ANSI/ESD S11.11
 ANSI/ESD S11.31
 Modified Incline Plane
 Modified Incline Plane
 ANSI/EIA 541/Appendix E, 1kV Discharge

Physical Properties:

Bag Thickness:

Polyester Layer 0.5 Mils Static Dissipative PET film
 Aluminum Layer 10-25 Angstroms
 Polyethylene Layer 2.5 Mils Static Dissipative PE film
 Total Thickness 3.0 to 3.1 Mils
 Light Transmission (%) 40% (Tobias)
 Seam Strength Pass
 Tear Strength (lbs) >25
 Puncture Resistance (lbs) >10
 MVTR (gms / 100 in² / 24 hrs, 100°F) 0.40
 Burst Strength (psi) >50 psi
 Heat Seal >10 lbs/in.
 Abrasion Resistance >30 cycles
 Outgassing Pass
 Non-corrosive Pass

ASTM D-2103
 ASTM D-2103
 ASTM D-1003
 ASTM D-1003
 ASTM D-1004
 ASTM D-2065
 ASTM F-1249
 FTMS 101C, 2065.1
 375°F, 1/2 sec 60 psi
 Sutherland Abr. (.0000 Steel Wool)
 ASTM E595
 MIL-STD-3010, M3005

Chemical Properties

Corrosion

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

Polycarbonate Capability, No Amines N-Octanoic Acid

Yes
 Not present

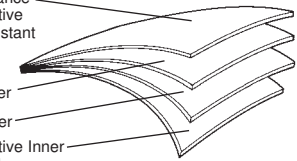


Mixed Unsortable Plastic Scrap

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

High Performance Static Dissipative Abrasion Resistant Coating
 Aluminum Shielding Layer
 Polyester Layer
 Static Dissipative Inner Polyethylene Layer



A fundamental ESD control principle (see ANSI/ESD S20.20 Foreword): ESD susceptible items should be transported and stored outside an Electrostatic protected Area enclosed in low charging, static shielding protective packaging.

The bag's material meets the performance specification requirements of ANSI/ESD S541. Bag is free of amines, N-octanoic acid, and heavy metals.



Made in the United States of America

RICHMOND 8300, TRANSPARENT STATIC SHIELDING BAG (METAL OUT)

PROTEKTIVE PAK

PROTEKTIVE PAK
 13520 MONTE VISTA AVENUE, CHINO, CA 91710
 PHONE (909) 627-2578, FAX (909) 363-7331
www.ProtektivePak.com

DRAWING NUMBER
 48500

DATE:
 December 2012