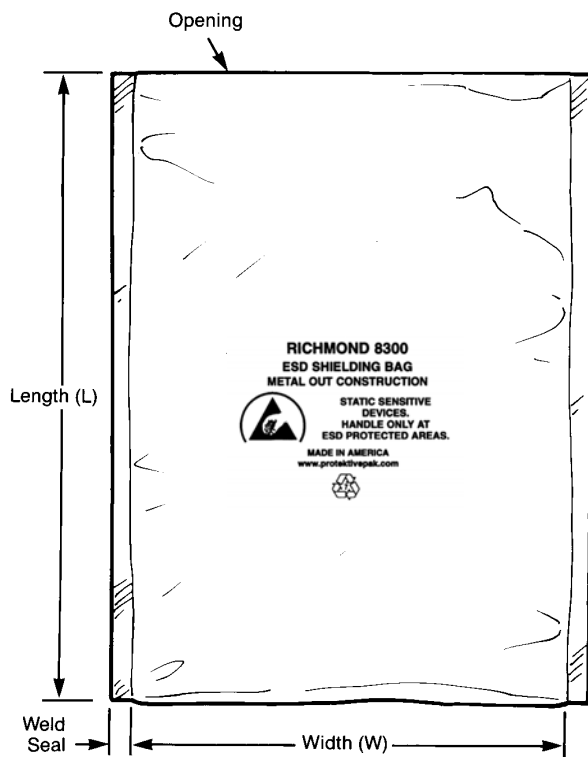




Side Weld Seals 3/8 in.

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			

RICHMOND 8300 SERIES



Specifications:

Electrical Properties
 Surface Resistance:
 Outer Surface <10¹¹ ohms
 Aluminum Layer <10² ohms
 Inner Surface <10¹¹ ohms
 Static Shielding <20 nJ
 Charge Generation (nC/in²) Teflon: -0.03
 Quartz: +0.10
 Capacitance Probe (to dissipate 1 KV) <30V

Typical Values

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-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, Yes
 No Amines N-Octanoic Acid Not present

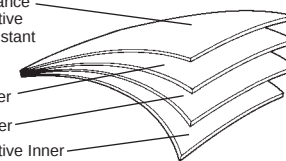


Mixed Unsortable Plastic Scrap

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