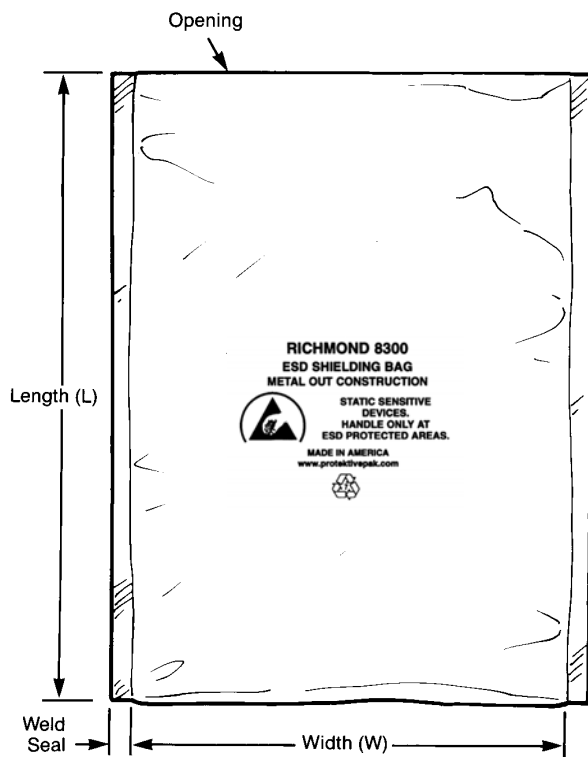




Side Weld Seals 3/8 in.

| 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 <10<sup>11</sup> ohms  
   Aluminum Layer <10<sup>2</sup> ohms  
   Inner Surface <10<sup>11</sup> ohms  
 Static Shielding <20 nJ  
 Charge Generation (nC/in<sup>2</sup>) 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 in<sup>2</sup> / 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,  
 No Amines N-Octanoic Acid

Yes  
 Not present

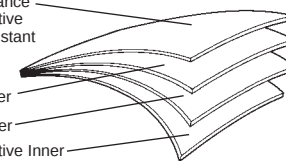


### Mixed Unsortable Plastic Scrap

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](http://www.ProtektivePak.com)

**DRAWING NUMBER**  
 48500

**DATE:**  
 December  
 2012