



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





Made in the  
United States of America



## Features

- Economical, efficient method of shipping or storing circuit boards and other static sensitive electronic devices
- BLACK low density conductive convoluted polyurethane foam,  $< 1 \times 10^5$  ohms laminated to the top and fitted in the bottom
- BLACK low density conductive convoluted foam is permanently conductive; will not lose electrical properties or fade
- Provides ESD shielding with lid closed, "Faraday cage" effect restricts electrostatic charges and discharges to exterior
- Corrugated material is constructed from a unique buried conductive layer of impregnated corrugated fiberboard with a static dissipative surface
- BLACK convoluted foam minimizes movement and reduces stress from physical shock
- Corrugated material is made from 100% recycled material and is 100% recyclable
- No assembly required
- Made in the United States of America

Item	Size I.D. - L x W x D
<a href="#">37033</a>	7" x 5" x 1-1/2"
<a href="#">37034</a>	7" x 5" x 2-1/2"
<a href="#">37035</a>	10-1/2" x 8-1/2" x 1-1/2"
<a href="#">37036</a>	10-1/2" x 8-1/2" x 2-1/2"
<a href="#">37037</a>	12-1/2" x 10-1/2" x 2-1/2"

## Specifications

### Properties

#### Surface Resistance

### Typical Values

Meets ANSI/ESD S20.20 and Packaging standard ANSI/ESD S541

$1 \times 10^6$  to  $< 1 \times 10^9$  ohms

#### Corrosivity

Contains 1-3 ppm reducible sulfur

#### Sloughing Test

Negligible surface damage at 10 cycles and  $< 5\%$  of surface damage at 200 cycles in Taber Abrasion Test.

No conductive particles abraded from surface

#### Recyclability

Complete recyclability of package

#### Biodegradability

Biodegradation in or on moist soil

### Test Procedures/Method

ANSI/ESD STM11.11

FED-STD-101, Method 3005 for reducible sulfur

ASTM D4060 at 70 rpm with CS-17 abrasive-coated wheels and 1000 grams load

Rockwell International Test Report of January 8, 1992

Rockwell International Test Report of January 8, 1992

Specifications and procedures subject to change without notice.

## CIRCUIT BOARD SHIPPERS WITH BLACK CONVOLUTED FOAM

**PROTEKTIVE PAK**  
BURIED SHIELDING LAYER

PROTEKTIVE PAK  
1350 MONTE VISTA AVENUE, CHINO, CA 91710  
PHONE (909) 627-2578  
[ProtectivePak.com](http://ProtectivePak.com)

**DRAWING NUMBER**  
37033

**DATE:**  
July  
2013