Features

- Economical ESD protective product to replace high charging plastic trash cans
- Static dissipative, low charging dissipative surface
- Constructed with double sides, triple ends, and double thickness bottom for greater durability (Items 37810, 37811)
- Steel reinforcing frame provides additional strength and durability
- Conductive plastic handles provide ease of handling along with reliable ESD control path-to-ground
- Identified with ESD Protective Symbol (Ref: ESD 8.1) (Items 37810, 37811)
- Easy assembly without the need for tape, glue, or staples
- ESD protective liners also available
- Impregnated corrugated material; greater durability than coated or printed material
- Static dissipative surface of 10^7 - 10^9 ohms*
- Buried shielding layer minimizes sloughing and rub-off contamination
- Made from 100% recycled material, and is 100% recyclable

SPECIFICATIONS

Properties	Typical Values	Test Procedures/Method
Electrostatic Decay	0.01 seconds at 72°F and 11.8% R.H.	FED-STD-101, Method 4046
Surface Resistivity	10^7 - 10^8 ohms/sq. after 11 days at 68°F and 12% R.H. for surface. 10^3 - 10^4 ohms/sq. for buried shielding layer	ASTM D257
Surface Resistivity, Low R.H. Cut-off	4% R.H.	Rockwell International Test Report of December 20, 1991
High-Voltage Discharge Resistance	Failure rate 0/5 (no oxide damage in five consecutive tests)	Rockwell International Test Report of December 20, 1991
Static Shielding	99.9% attenuation at 10kV; 99.6% attenuation at 30kV	EIA 541, appendix E, capacitive probe test
Charged Device Model (CDM) Safety	RTG >10^7 ohms at 86% R.H. or less	Rockwell International Test Report of December 20, 1991
Current-Carrying Hazard	10^3 mA at 110V; 10^3 mA at 220V	ESD from A to Z
Corrosivity	Contains 1-3 ppm reducible sulfur	FED-STD-101, Method 3005 for reducible sulfur
Antistat Transfer	No transfer	Rockwell International Test Report of January 8, 1992
Water & Isopropyl Alcohol Extraction Tests for Antistat Permanence	Surface resistivity 10^8 - 10^9 ohms/square at 74°F and 36% R.H.	Rockwell International Test Report of January 8, 1992
Sloughing Test	Negligible surface damage at 10 cycles and <5% of surface damage at 200 cycles in Taber Abrasion Test.	ASTM D4060 at 70 rpm with CS-17 abrasive-coated wheels and 1000 grams load
	No conductive particles abrased from surface	Rockwell International Test Report of January 8, 1992
Recyclability	Complete recyclability of package	Rockwell International Test Report of January 8, 1992
Biodegradability	Biodegradation in or on moist soil	
Volume Conductivity	Conductivity from wall to wall as well as across surface to assure permanence of the antistatic property	Rockwell International Test Report of January 8, 1992
Shelf Life	Indefinite	

Made in America

Protektive Pak® ESD Trash Receptacle

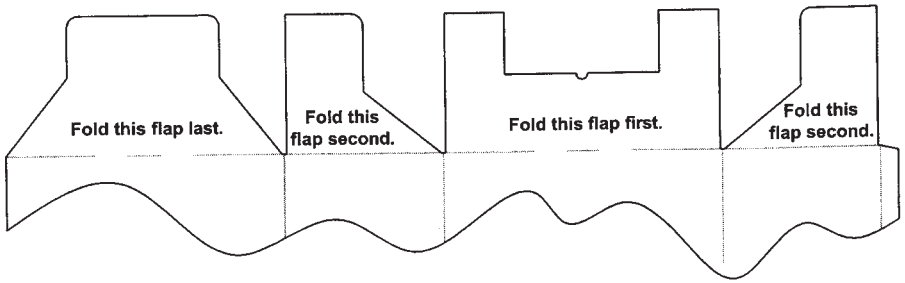
PROTEKTIVE PAK

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

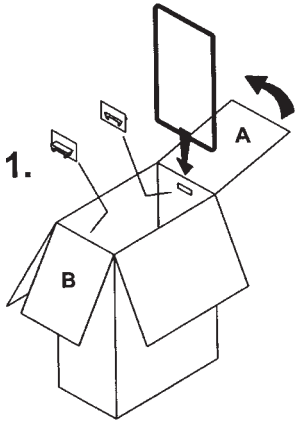
DRAWING NUMBER 37810

DATE: 7/05

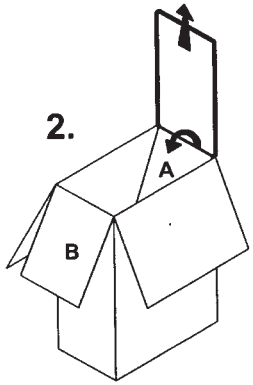
Bottom Folding Instructions



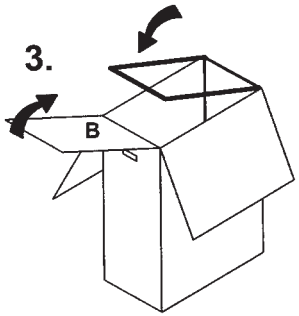
Wire Assembly Instructions



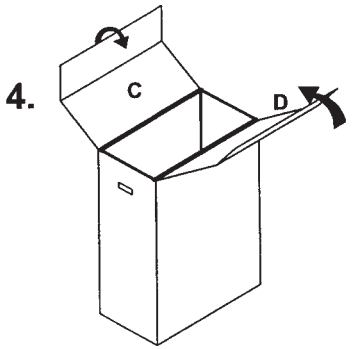
Insert handles before folding up box. Place shorter dimension of wire on crease where flap A & box meet.



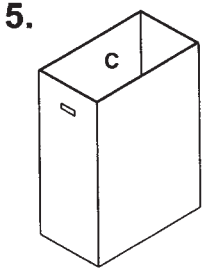
Insert flap A into wire. Fold flap A over short dimension of wire & completely into box while pulling the wire up. Make sure wire is within corner notches of flap.



Bring down the wire to the other side of the box and fold over flap B. Check to make sure that the wire is at the top of the box tucked under the flaps.



Fold flaps C & D at their middle creases and then fold them down into the box.



Make sure all flaps interlock with eachother.

Item	Description (L x W x D)
37810	Trash Receptacle13-1/2 x 12 x 13-1/4, with wire frame and handles
37811	Trash Receptacle 13-1/2 x 12 x 13-1/4, receptacle only
37812	Trash Receptacle 22-7/8 x 12-7/8 x 32, with wire frame and handles
37813	Trash Receptacle 22-7/8 x 12-7/8 x 32, receptacle only
37820	Trash Liner/ 10 gal. 26 x 24, 1.5 mil thickness
37821	Trash Liner/ 55 gal. 22 x 16 x 58, 1.5 mil thickness

* Per ESD Handbook TR20.20 paragraph 5.3.1.7 Electrical Considerations "[RTG is] The most important functional consideration for worksurfaces. This establishes the resistance of the primary path to ground for items, placed on the surface. When worksurface materials are being selected, consideration should be given to possible Charged Device Model (CDM) damage to ESD sensitive products. If CDM damage is a concern then setting a lower resistance limit for the worksurface should be considered. Typically, the lower limit for these types of worksurfaces is 1 $X10^6$ ohms."