



Features

- Economical and efficient way to store and transport DIP Tubes and Rails
- Each cell has an extender tab which may be labeled to identify the contents
- Tube Handler may be rotated on shelves to view the extender tab either vertically or horizontally
- Cell identification labels included
- Shipped knocked-down; easy to assemble
- Made in America

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Protektive Pak Inc. letter on-line at ProtektivePak.com.

See reverse side for available sizes.



SPECIFICATIONS

Properties	Typical Values
Electrostatic Decay	0.01 seconds at 72°F and 11.8% R.H.
Surface Resistance	10E6 - 10E8 ohms/sq. after 11 days at 68°F and 12% R.H. for surface. 10E3 - 10E4 ohms/sq. for buried shielding layer
Surface Resistance, Low R.H. Cut-off	4% R.H.
High-Voltage Discharge Resistance	Failure rate 0/5 (no oxide damage in five consecutive tests)
Static Shielding	99.9% attenuation at 10kV; 99.6% attenuation at 30kV
Charged Device Model (CDM) Safety	RTG >10E7 ohms at 86% R.H. or less
Current-Carrying Hazard	10E3 mA at 110V; 10E3 mA at 220V
Corrosivity	Contains 1-3 ppm reducible sulfur
Antistat Transfer	No transfer
Water & Isopropyl Alcohol Extraction Tests for Antistat Permanence	Surface resistance 10E8 - 10E9 ohms/square at 74°F and 36% R.H.
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
Volume Conductivity	Conductivity from wall to wall as well as across surface to assure permanence of the antistat property
Shelf Life	Indefinite

Test Procedures/Method

FED-STD-101, Method 4046
ASTM D257
Rockwell International Test Report of December 20, 1991
Rockwell International Test Report of December 20, 1991
EIA 541, appendix E, capacitive probe test
Rockwell International Test Report of December 20, 1991
ESD from A to Z
FED-STD-101, Method 3005 for reducible sulfur
Rockwell International Test Report of January 8, 1992
Rockwell International Test Report of January 8, 1992
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
Rockwell International Test Report of January 8, 1992

TUBE HANDLERS

PROTEKTIVE PAK
BURIED SHIELDING LAYER

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

DRAWING NUMBER
37790

DATE:
September
2007

Item No.	O.D. L x W x D	Cell I.D. L x W x D	# of Cells
37790	12 x 6 x 20	1-7/8 x 1-7/8 x 20	10
37791	12 x 6 x 24	1-7/8 x 1-7/8 x 24	10
37792	12 x 12 x 20	1-7/8 x 1-7/8 x 20	25
37793	12 x 12 x 24	1-7/8 x 1-7/8 x 24	25
37794	24 x 12 x 20	1-7/8 x 1-7/8 x 20	50
37795	24 x 12 x 24	1-7/8 x 1-7/8 x 24	50