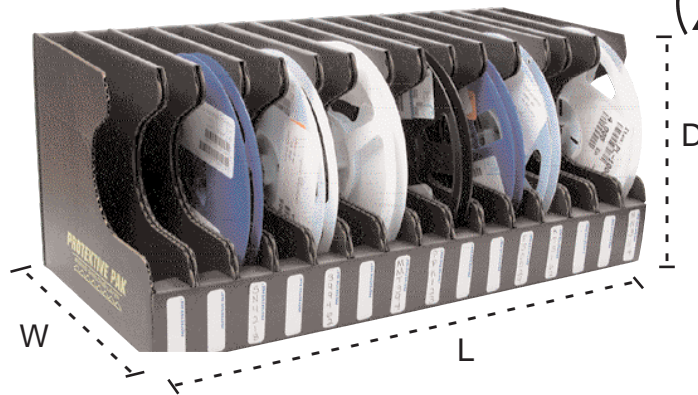


Made in America



## Features

- Dissipative impregnated corrugated material
- Economical method of storing reels
- Reel identification labels included
- Each reel storage box has 15 cells for efficient storage
- Partitions are easily removed to accommodate wider reels
- Reusable, ensuring best value
- No assembly required
- Made in America

ITEM #	DESCRIPTION	OUTSIDE DIMENSIONS (L x W x D)
37563	Reel Holder, 178mm Reels, 15 Slots	445mm x 210mm x 184mm
37564	Reel Holder, 330mm Reels, 15 Slots	445mm x 348mm x 337mm

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

Per Packaging standard ANSI/ESD S541 Annex E.7 Tape and Reel "Devices (parts and components) can be fed to production equipment from carrier tape that is shaped to hold the device. The carrier tape is wound on a reel similar to motion picture film. A cover tape applied to the carrier tape keeps the devices on the carrier. Both tape and reel can be made from plastic or paper and derive ESD protective properties from antistat, carbon, or inherently dissipative/conductive materials."

## SPECIFICATIONS

### Properties

**Electrostatic Decay**  
**Surface Resistance**

**Surface Resistance, Low R.H. Cut-off**

**High-Voltage Discharge Resistance**

**Static Shielding**

**Charged Device Model (CDM) Safety**

**Current-Carrying Hazard**

**Corrosivity**

**Antistat Transfer**

**Water & Isopropyl Alcohol Extraction**

**Tests for Antistat Permanence**

**Sloughing Test**

**Recyclability**

**Biodegradability**

**Volume Conductivity**

**Shelf Life**

### Typical Values

0.01 seconds at 22°C and 11.8% R.H.

10E6 - 10E8 ohms after 11 days at 20°C and 12% R.H. for surface. 10E3 - 10E4 ohms for buried shielding layer per ANSI/ESD S4.1.

4% R.H.

Failure rate 0/5 (no oxide damage in five consecutive tests)

99.9% attenuation at 10kV; 99.6% attenuation at 30kV

RTG >10E6 ohms at 86% R.H. or less

10E3 mA at 110V; 10E3 mA at 220V

Contains 1-3 ppm reducible sulfur

No transfer

Surface resistance 10E6 - 10E8 ohms at 23°C

and 36% R.H.

Negligible surface damage at 10 cycles and <5% of surface damage at 200 cycles in Taber Abrasion Test. No conductive particles abraded from surface

Complete recyclability of package

Biodegradation in or on moist soil

Conductivity from wall to wall as well as across surface to assure permanence of the antistatic property

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

## REEL STORAGE HOLDERS

# PROTEKTIVE PAK

PROTEKTIVE PAK  
13250 MONTE VISTA AVENUE, CHINO, CA 91710  
PHONE (909) 627-2578, FAX (909) 363-7331  
[ProtektivePak.com](http://ProtektivePak.com)

**DRAWING NUMBER**  
37563.E

**DATE:**  
January  
2008