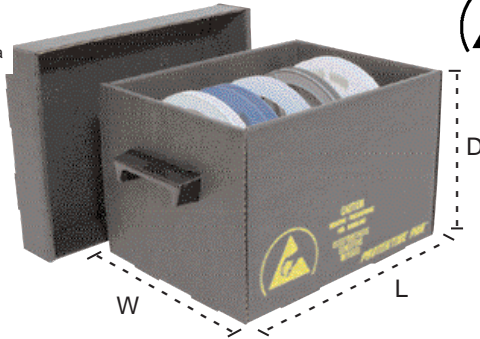




Made in America



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	Typical Values
Electrostatic Decay	0.01 seconds at 72°F and 11.8% R.H.
Surface Resistance	10E6 - 10E8 ohms after 11 days at 68°F and 12% R.H. for surface. 10E3 - 10E4 ohms for buried shielding layer per ANSI/ESD S4.1.
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 >10E6 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 10E6 - 10E8 ohms 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 antistatic property
Shelf Life	Indefinite

Features

- Dissipative impregnated corrugated material
- Economical method of storing reels
- Containers include conductive plastic handles and removable lids
- Constructed with double sides and ends for greater durability
- Conductive plastic indexing ribs prevent the reels from rolling around when stored
- When lid is closed, the "Faraday Cage" effect restricts electrostatic charges to exterior of box
- Conductive handles provide path to ground when operators carry the container
- No assembly required
- Made in America

Item No.	Outside Dimensions (L x W x D)	Inside Dimensions (L x W x D)
37561	12-7/8" x 8-3/8" x 7-1/2"	10" x 7-1/4" x 7"
37560	14-1/8" x 12-1/2" x 13-1/2"	13" x 9-7/8" x 13"
37562	22-7/8" x 8-3/8" x 7-3/8"	9-7/8" x 7-1/4" x 7" **

** 2 cells inside. Each cell has a dimension of 9-7/8" x 7-1/4" x 7".

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.

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 CONTAINERS

PROTEKTIVE PAK

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

DRAWING NUMBER
37561

DATE:
June
2007