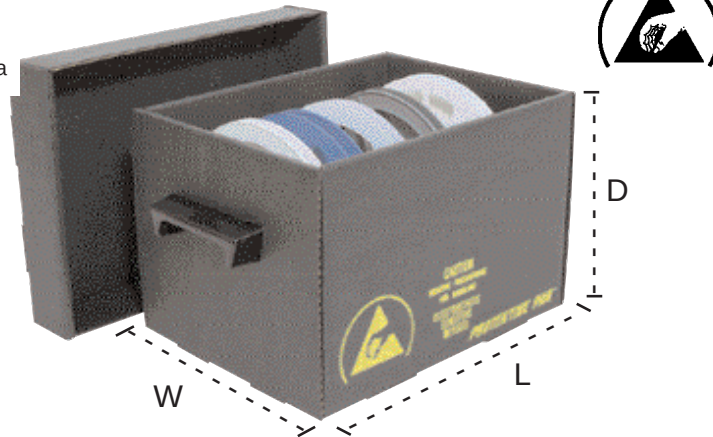


Made in America



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

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 72°F and 11.8% R.H.

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.

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 74°F 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

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

Mouser Electronics

Authorized Distributor

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