

SPECIFICATIONS

Properties Electrostatic Decay Surface Resistivity

Surface Resistivity, 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

Recyclability Biodegradability Volume Conductivity

Sloughing Test

Shelf Life

Typical Values

0.01 seconds at 72°F and 11.8% R.H. 10^7 - 10^8 ohms/sq. after 11 days at 68°F and 12% R.H. for surface. 10³ - 10⁴ ohms/sq. for buried shielding layer 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 >10⁷ ohms at 86% R.H. or less 10³ mA at 110V; 10³ mA at 220V Contains 1-3 ppm reducible sulfur No transfer Surface resistivity 10⁸ - 10⁹ ohms/square 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 abrased 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

- Used to transport or store ESD Sensitive items
- Rotating steel wire arms- when rotated in, totes are stackable even full of product, saving valuable space and enhancing productivity when moved
- Rotating steel wire arms when rotated out, totes can nest, saving space when when storing
- Great container for Kanban

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 <u>ProtektivePak.com</u>.

| Item No. | O.D. Top Size - L x W x D | I.D. Bottom Size - L x W x D |
|----------|------------------------------|---------------------------------|
| 37630 | 18 x 12 x 6 | 15 x 8-3/4 x 6 |
| 37631 | 27-1/4 x 12 x 6 | 24-1/2 x 8-3/4 x 6 |
| 37632 | 27-1/4 x 18 x 6 | 24-1/2 x 15 x 6 |

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



DATE:

5/06

Rockwell International Test Report of January 8, 1992

STACKABLE NESTING TOTES



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DRAWING NUMBER 37630