

Adjustable double thick reversible partitions allow you to fold over for longer use. Lid is included.

Features

- Shields ESD sensitive items from charge and electrostatic discharges (with lid in place).
- Provides ESD and physical protection for ESD sensitive circuit boards.
- Impregnated corrugated material; greater durability than coated or printed material.
- Constructed with double sides, double (boxes under 6" deep) or triple (boxes over 6" deep) ends, and single (boxes under 6" deep) or double (boxes over 6" deep) thickness bottom for greater durability.
- Static dissipative surface of 10E6 - 10E8 ohms - minimizing the potential of rapid discharge or sparking.
- Buried shielding layer minimizing the potential of sloughing and rub-off contamination.
- Made from 100% recycled material, and is 100% recyclable
- No tooling costs.
- Easy assembly without the need for tape, glue, or staples.

SPECIFICATIONS

Properties

Electrostatic Decay

Surface Resistance

Surface Resistance, Low R.H. Cut-off

High-Voltage Discharge Resistance

Static Shielding

Charged Device Model (CDM) Safety

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/sq. after 11 days at 68°F and 12% R.H. for surface. 10E3 - 10E4 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 >10E7 ohms at 86% R.H. or less

Contains 1-3 ppm reducible sulfur

No transfer

Surface resistance 10E8 - 10E9 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 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

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EIA 541, appendix E, capacitive probe test

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FED-STD-101, Method 3005 for reducible sulfur

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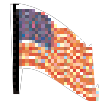
ASTM D4060 at 70 rpm with CS-17 abrasive-coated wheels and 1000 grams load

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See reverse side for available sizes.



Made in America

CORRUGATED IN-PLANT HANDLERS

PROTEKTIVE PAK

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DRAWING NUMBER
37150

DATE:
6/07

