

SPECIFICATIONS FOR CORRUGATED MATERIAL:

Properties

Electrostatic Decay

Surface Resistance

High-Voltage Discharge Resistance

Static Shielding

Charged Device Model (CDM) Safety

Corrosivity

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 \mp and 12% R.H. for surface. 10E3 - 10E4 ohms/sq. for buried shielding layer

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

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

SPECIFICATIONS FOR FOAM:

PropertyTest MethodResultsDensityASTM D3575-911.9 lb/ft3

Surface Resistivity EOS/ESD DS111-1993 10E7 - 10E9 ohms/sq

Corrosivity TS 1021BA (UK MOD) Pass
Water Extract TS 1021BA (UK MOD) Pass
Total Chlorine TS 1021BA (UK MOD) Pass

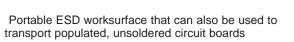
Recommended Operating

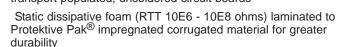
Temperature Range Internal +200°F to -95°F

 Tear Strength
 ASTM D3575-91
 14 lbf/in

 Tensile Strength
 ASTM D2575-91
 44 psi

Features





- Foam is shuntable, component leads can be kept at equipotential and more stable when moved
- Includes 10mm (3/8") grounding snap
- Static dissipative material 10E6 10E8 ohms
- Buried shielding layer minimizes sloughing and rub-off contamination
- Made in America

Test Procedures/Method

FED-STD-101. Method 4046

ASTM D257

Rockwell International Test Report of December 20, 1991

EIA 541, appendix E, capacitive probe test

Rockwell International Test Report of December 20, 1991

FED-STD-101, Method 3005 for reducible sulfur

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

Item No.	Size - L x W	Snap
37800	12 x 18	Male
39852	12 x 18	Female
37801	18 x 24	Male
39854	18 x 24	Female



TEK-MATE™ BOARD HANDLERS

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DRAWING NUMBER 37800

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