



Features

- Efficient means of shipping or storing ESD sensitive circuit boards and other items
- Provides ESD shielding with lid closed; "Faraday Cage" effect restricts electrostatic charges to exterior
- For physical protection, convoluted foam secures items, minimizing movement and reduces stress from physical shock
- No assembly required
- Convoluted static dissipative 10^{11} ohms polyurethane pink foam laminated to top and fitted in bottom
- Made in America

See reverse side for available sizes.

SPECIFICATIONS

Properties	Typical Values
Electrostatic Decay	0.01 seconds at 72°F and 11.8% R.H.
Surface Resistance	10E6 - 10E8 ohms/sq. after 11 days at 68°F and 12% R.H. for surface. 10E3 - 10E4 ohms/sq. for buried shielding layer
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 >10E7 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 10E8 - 10E9 ohms/square at 74°F and 36% R.H.
Sloughing Test	Negligible surface damage at 10 cycles and <math><5\%</math> of surface damage at 200 cycles in Taber Abrasion Test.
Recyclability	No conductive particles abraded from surface
Biodegradability	Complete recyclability of package
Volume Conductivity	Biodegradation in or on moist soil
Shelf Life	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
- 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



Made in America

CIRCUIT BOARD SHIPPERS

<h1>PROTEKTIVE PAK</h1>	PROTEKTIVE PAK 1350 MONTE VISTA AVENUE, CHINO, CA 91710 PHONE (909) 627-2578, FAX (909) 363-7331 ProtectivePak.com	DRAWING NUMBER 37050.E	DATE: 11/06
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Item No.	Size I.D. - L x W x D (mm)
37050	102 X 102 X 54, box only
37051	102 X 102 X 54, box w/foam
37080	157 X 152 X 38, box only
37081	157 X 152 X 38, box w/ foam
37052	178 X 127 X 38, box only
37053	178 X 127 X 38, box w/ foam
37054	178 X 127 X 64, box only
37055	178 X 127 X 64, box w/ foam
37082	178 X 178 X 38, box only
37083	178 X 178 X 38, box w/ foam
37056	229 X 191 X 64, box only
37057	229 X 191 X 64, box w/foam
37084	229 X 229 X 38, box only
37085	229 X 229 X 38, box w/foam
37058	267 X 216 X 38, box only
37059	267 X 216 X 38, box w/foam
37060	267 X 216 X 64, box only
37061	267 X 216 X 64, box w/foam
37062	267 X 216 X 64, box only
37063	318 X 267 X 38, box w/foam
37064	318 X 267 X 64, box only
37065	318 X 267 X 64, box w/foam

Item No.	Size I.D. - L x W x D (mm)
37066	378 X 168 X 51, box only
37067	378 X 168 X 51, box w/foam
37068	394 X 318 X 38, box only
37069	394 X 318 X 38, box w/foam
37070	394 X 318 X 64, box only
37071	394 X 318 X 64, box w/foam
37072	406 X 311 X 89, box only
37073	406 X 311 X 89, box w/foam
37086	406 X 381 X 76, box only
37087	406 X 381 X 76, box w/foam
37074•	479 X 448 X 44, box only
37075•	479 X 448 X 44, box w/foam
37088•	483 X 483 X 76, box only
37089•	483 X 483 X 76, box w/foam
37076•	521 X 394 X 38, box only
37077•	20521 X 394 X 38, box w/foam
37078	521 X 394 X 64, box only
37079	521 X 394 X 64, box w/foam
37090•	559 X 381 X 76, box only
37091•	559 X 381 X 76, box w/foam
37092•	695 X 619 X 102, box only
37093•	695 X 619 X 102, box w/foam

- These items made to order