



Corstat® Inplant Handlers

Description

Corstat® Inplant handlers are held in stock at GWP Conductive to ensure short lead times and competitive pricing. Manufactured using Corstat® Conductive fibreboard, Inplant Handlers offer unbeatable ESD protection. Inplant handlers assist in providing a flexible and adjustable method to accommodate any board size, with adjustable partitions. Available from GWP Conductive in a range of sizes, you are certain to find the ideal solution for you.



Key Benefits

Corstat® in plant handlers are created from Corstat® Conductive Fibreboard and are available from stock, on short lead times and in a range of sizes. This flexible, fully adjustable anti-static in plant handler system allows you to accommodate nearly any board size by simply removing partitions to achieve the desired cell size.

Simply select the best Corstat® Conductive in plant handler from the stock range to suit your requirement, or, if none of them are quite right, please get in touch. We will be happy to assist in configuring or designing the most suitable product for your requirements

Features and Benefits of Corstat® Conductive Inplant Handlers:

- High level of anti-static protection.
- Fully adjustable and available in various sizes.
- Can accommodate almost any board size.
- Custom designs available if required.
- Completely integrated inplant handling system.
- Corstat® Conductive fibreboard provides superb ESD protection.
- Available from stock.

Used extensively by a wide range of blue chip and "household name" electronics manufacturers, Corstat® Inplant Handlers provide the perfect balance between ESD protection, flexibility, longevity and cost effectiveness.





Corstat® Inplant Handlers

Technical Specification
Electrical
Surface Resistivity (per ASTM D257-78)
Buried Shielding Layer $<10^4$ ohms/sq
Exterior Layer $<10^5$ ohms/sq
Electrostatic Decay Rate (per Mil B 81705B, Test Method 4046 Federal TMS 101B) Less than 2.0 seconds to theoretical zero
ESD Shielding: 99.9% Attenuation (Capacitive Probe Test)
Triboelectric Charge Generation approximately 0.1 C/inch std. condition
Chemical
Surface Resistivity: Reducible Sulphur: .00035% (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406) Amines: None
Galvanic Reaction: None
Mechanical
Liner papers 100% pure kraft
Shelf Life 10 years
Humidity Dependence: No effect on electrical properties

Size Chart			
SKU / Part No.	Internal Size (mm)	Max Cell Size (mm)	No. Cells
4000-40	575 x 305 x 328	124 x 25 x 326	40
4000-30	575 x 305 x 328	167 x 25 x 326	30
4000-20	575 x 305 x 328	254 x 25 x 326	20
4000-10	575 x 305 x 328	514 x 25 x 326	10
4001-40	575 x 305 x 400	124 x 25 x 398	40





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Size Chart			
SKU / Part No.	Internal Size (mm)	Max Cell Size (mm)	No. Cells
4001-30	575 x 305 x 400	167 x 25 x 398	30
4001-20	575 x 305 x 400	254 x 25 x 398	20
4001-10	575 x 305 x 400	514 x 25 x 398	10
4003-20	455 x 245 x 480	198 x 19 x 478	20
4003-10	455 x 245 x 478	380 x 19 x 478	10
4005-40	425 x 245 x 280	90 x 19 x 278	40
4005-20	425 x 245 x 280	187 x 19 x 278	20
4005-10	425 x 245 x 280	380 x 19 x 278	10
4007-40	435 x 245 x 190	90 x 19 x 188	40
4007-30	435 x 245 x 190	121 x 19 x 188	30
4007-20	435 x 245 x 190	187 x 19 x 188	20
4007-10	435 x 245 x 190	380 x 19 x 188	10
4008-80	550 x 390 x 186	49 x 43 x 184	80
4008-40	550 x 390 x 186	92 x 43 x 184	40
4010-50	332 x 274 x 128	64 x 24 x 126	50
4010-10	332 x 274 x 128	198 x 24 x 126	10
4012-100	448 x 348 x 124	42 x 32 x 122	100
4012-50	448 x 348 x 124	87 x 32 x 122	50
4014-100	378 x 368 x 66	70 x 15 x 64	100
4014-50	580 x 368 x 66	169 x 15 x 64	40
4016-80	580 x 299 x 80	110 x 16 x 78	80
4016-32	580 x 299 x 80	240 x 16 x 78	32





Corstat® Inplant Handlers

Corstat® Brand

Effective Protection

Corstat® anti-static conductive board coating is a well proven material for use in anti-static packaging. It has been available for over 11 years and specified by virtually all the major electronic companies in the USA and UK.

Effective Production

Boxes and containers coated with our materials are easily converted on standard machinery. The results give durable packaging that is cheaper than conductive plastic or fibreboard alternatives.

Wide Product Range

Corstat® anti-static conductive board coating is used by virtually all the main electronics companies around the world for transit packs, component boxes, in-plant handlers, bin boxes for ic-tubes and many other applications.

Consistent High Quality and Appearance

Corstat® anti-static conductive board coating is consistently manufactured, within an ISO 9002 approved environment, to high specifications which are accepted worldwide, Corstat® has a shiny finish due to the over-seal varnish during manufacture.

Corstat® and Environment

Corstat® anti-static conductive board coating is biodegradable and recyclable. Their products do not contain any heavy metals, aromatics or halogenated hydrocarbons.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Corstat® Inplant Handlers, July 21st 2020.