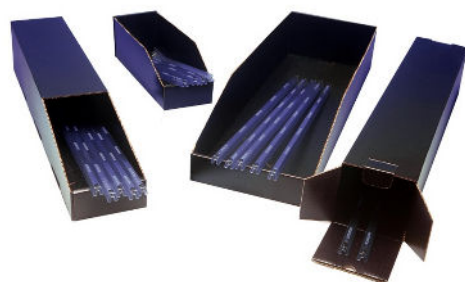




## Corstat® Bin Boxes

### Description

Corstat® bin boxes offer ESD protection for virtually any static sensitive item. Ideal for storing IC devices, dip tubes and essentially offering a versatile handling and storing solution, these conductive storage bins can eliminate the costs associated with damage in storage and handling. Corstat® bin boxes are available in a wide range of standard sizes, plus closed, open front and fully open variants. This ensures they will offer full protection from harmful static charges.



### Product Protection

Corstat® conductive coating has long been regarded as the optimum way of protecting any static sensitive devices. Being specified by practically every OEM and blue chip manufacturer of electronics or specialist equipment, Corstat® has earned its reputation as the most cost effective, reliable and long lasting form of conductive packaging available. Bin Boxes are just one of the popular handling and storage products manufactured from Corstat®. IC devices, dip tubes and other delicate electrical components are at risk of irreparable damage from static electricity but, by storing such items in Corstat® bin boxes you can significantly reduce damage to these sensitive items. The unique Corstat® coating provides a Faraday Cage effect, channelling static electricity around the outside of the bin box rather than allowing it to enter and damage the items inside.

As well as reducing the costs and administrative burden of having to refund damaged components once they have been shipped, storing items in Corstat® bin boxes can also help protect your company's reputation by removing the risk of supplying customers with damaged or faulty components.

#### Eliminate damage to static sensitive components whilst in storage:

- Unrivalled ESD protection to minimise damage to sensitive components whilst in storage.
- Custom sizes can be precisely tailored to your product for bespoke protection levels.
- Corstat® coating & structural design creates a Faraday Cage effect to protect from static.
- Physical protection from mis-handling, dust and UV.
- Corriplast (fluted plastic) equivalents available for increased durability and clean room applications.





## Corstat® Bin Boxes

### Efficiency and Productivity

Besides the obvious benefits of eliminating damage to static sensitive components, conductive bin boxes can help to improve the efficiency of your operations too. The stock range of Corstat® bin boxes are manufactured in three variants: closed, open and fully open. The use of the open front and fully open bin boxes enables your staff to quickly identify the items they require and significantly increase the efficiency of stock picking / retrieval operations. This can mean orders being fulfilled more quickly and efficiently, reduce production and assembly times and boost overall productivity. The open front and closed variants are also stackable, allowing you to maximise storage space. This can allow for a larger inventory of products, or a reduction in the costs associated with warehouse / storage.

Another way to maximise the use of your storage facility is provided by the option of having Corstat® bin boxes supplied flat. This not only reduces delivery costs, but also ensures they take up minimal space when not in use. However, with lead times usually within 48 hours on all conductive stock products, it provides you with the flexibility of not needing to keep a large inventory of your conductive handling items. A final potential benefit to your operational efficiency is that Corstat® is completely inert and safe to handle. There is no requirement for PPE (saving time and boosting productivity) whilst Corstat® is also fully recyclable. This means that there are no complex or costly disposal methods required, minimising effort, cost and time.

### Benefits to the operational efficiency of your business:

- Held in stock to enable short lead times, allowing you to reduce your stock holding / storage.
- Can be stacked to maximise your storage space and minimise the associated costs.
- Allows quicker / easier identification of items and streamlines stock retrieval processes.
- Can be stored flat when not in use further reducing storage required.
- Does not require protective equipment or clothing when handling.

***Conductive transit, handling and storage products manufactured from Corstat® conductive fibreboard account for over 80% of the entire anti static packaging market in the UK. Why not specify the best ESD safe packaging for your business too?***





## Corstat® Bin Boxes

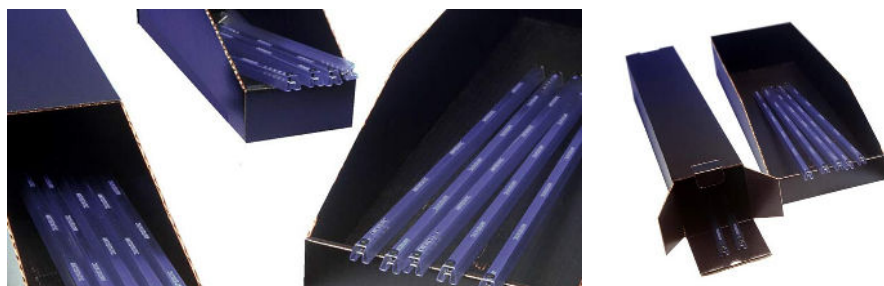
### Cost Savings

Corstat® bin boxes – and indeed the full range of conductive packaging manufactured using it – provides an excellent balance between high performance, long lifespan and cost effectiveness. The corrugated cardboard material which is used for manufacturing Corstat® Bin Boxes is widely regarded as offering the perfect compromise between cost and durability. As such, whilst Corstat® bin boxes boast a much lower unit cost than plastic alternatives, their longevity ensures low lifetime costs too. The Corstat® coating itself is also supplied with a 10 year guarantee, whilst the stock range of bin boxes also benefit from no tooling costs (further reducing the unit price).

These initial cost savings are also complimented by indirect savings across the life of the Bin Boxes. This includes the reduction in written off stock (i.e. that was damaged and is no longer usable), the gains in efficiency and productivity, the potential for reducing storage space and even the potential increase in repeat business through reliable supply.

### Reduce ongoing costs and improve your business reputation:

- Significant cost savings when compared to plastic bin boxes.
- Extensive stockholding of standard sizes eliminates tooling charges and ensures low unit costs.
- 10 year guarantee on Corstat® coating, ensuring low lifetime costs.
- Durable construction and material ensures ongoing performance over many uses.
- Inert and environmentally friendly, eliminating the costs of PPE and specialist disposal.
- Enhance your company perception and repeat sales through reliable supply.





## Corstat® Bin Boxes

<b>Technical Specification</b>
<b>Electrical</b>
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
<b>Chemical</b>
Surface Resistivity: Reducible Sulphur: .00035% (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406) Amines: None
Galvanic Reaction: None
<b>Mechanical</b>
Liner papers 100% pure kraft
Shelf Life 10 years
Humidity Dependence: No effect on electrical properties





## Corstat® Bin Boxes

Bin Box Size Chart		
SKU / Part No.	Format	Internal Size (mm)
634	Fully open bin	152 x 76 x 114
944	Fully open bin	229 x 102 x 114
964	Fully open bin	229 x 152 x 114
1110	Fully open bin	300 x 100 x 100
1115	Fully open bin	300 x 150 x 100
1120	Fully open bin	300 x 200 x 100
1130	Fully open bin	300 x 300 x 100
1200	Fully open bin	635 x 60 x 108
1205	Fully open bin	635 x 108 x 108
1226	Fully open bin	635 x 153 x 108
1244	Fully open bin	635 x 203 x 108
1266	Fully open bin	635 x 260 x 108
2205	Open front bin	635 x 108 x 108
2244	Open front bin	635 x 203 x 108
2000	Closed bin	635 x 108 x 108
BN6090	Reel Bin / Fitting	442 x 280 x 183
BN6160	Small Bin Box	291 x 181 x 185
BN6240	Medium Bin Box	291 x 182 x 132
BN6320	Large Bin Box	292 x 430 x 129





## Corstat® Bin Boxes

### Corstat® Brand

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#### 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® Bin Boxes, July 14th 2020.*