



Corstat® Collapsible Tote Boxes

6000

Description

Award winning Corriplast Collapsible Tote. Corriplast totes are durable and provide excellent ESD protection, with performance comparable with moulded plastic. Plus, being able to collapse completely flat, they reduce transport costs and minimise storage. Besides enhanced lifespan, the smooth surfaces are easy to clean, allowing for an increased longevity plus clean room use too. 6 standard sizes, hand holes and stacking tabs enable ease of handling for the end user.



Product Protection

As the winner of the National Packaging Councils "Gold Award" in 2007 in the category of Plastic Packaging, you can be certain that the conductive plastic tote will be of benefit to your business. Essentially, the collapsible tote bin provides you with a perfect solution where storage space is an issue, or reusability is required. Being manufactured from Corriplast (conductive Correx®), the collapsible plastic tote is a lightweight, robust and ESD safe storage medium. As a result, the conductive plastic tote provides exceptional physical and static protection for your products, parts or components.

The sturdy, robust construction and hard wearing Corriplast material provides performance and strength comparable to moulded plastic totes, at a lower unit cost. However, although there are 6 standard sizes available from stock, the advantage of using Corriplast is that you can source custom sizes and designs cost effectively. This tailoring of the conductive plastic totes can improve protection for your items (by preventing movement during handling/transit) and save space too. Regardless of the design or size you pick, each collapsible tote will provide a "Specific Volume Resistance" of $<10^3 \text{ Ohm} \times \text{cm}$ and "Specific Surface Resistance" of $<10^4 \text{ Ohm}$. This ensures that any static sensitive items will be given the highest levels of protection during storage or transit.

Ensure protection for your components and products:

- Optimum levels of protection for electronics, electrical and ESD sensitive items.
- Robust, rigid design protects contents during handling operations and transit.
- Bespoke sizes / designs available on request, including customised exterior print.
- "Specific Volume Resistance" of $<10^3 \text{ Ohm} \times \text{cm}$ and "Specific Surface Resistance" of $<10^4 \text{ Ohm}$.





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Efficiency and Productivity

Besides the protection offered to your products or components, another key benefit of the Corriplast collapsible tote is the improvements in efficiency that you can realise. There are six standard sizes, each of which has been designed to work seamlessly with industry standard racking, conveyors and work areas. However, you can specify custom sizes if your application requires it. The standard sizes can also be enhanced further with the use of compatible divider sets. These allow for various cells to be portioned within the tote, which allows the efficient movement of multiple items at once. It also helps to protect the parts/components, by minimising movement and preventing them from damaging each other.

Other features that the totes possess are inset handles for easy lifting and carrying, reinforced stacking lugs to aid stability when stacked, plus the option of lids to offer further protection when in storage. Exterior print can also be specified (at additional cost) to add your company branding and instructions, part or batch numbers or even health and safety instructions. Finally – and as the name would suggest – each of the Corriplast totes is completely collapsible. This means that delivery costs are minimised, but also vastly reduces the storage space you require when the totes are not in use (or are being returned empty from your customers/suppliers etc.).

Key ways in which Conductive Totes aid your efficiency:

- Compatible divider sets allow for efficient handling of multiple items.
- Can be supplied flat packed for simple transportation and space savings during storage.
- Six standard sizes are available from stock for instant dispatch.
- Inset handles to allow for easy handling.
- Exterior print to add instructions, part numbers etc.



Winner of the National Packaging Councils “Gold Award” in 2007 in the category of Plastic Packaging, this collapsible tote bin offers a perfect solution where storage space is an issue, or re-usability is required. It is also light weight, robust and ESD safe.





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Cost Savings

Whilst protection (through minimised damage/returns) and efficiency (through greater productivity) can both impact your costs, there are other ways in which conductive collapsible totes can save your business money.

For example, the durable nature of the material increases the lifespan of the totes, which in turn minimises the lifetime cost of your investment.

The material is also easy to clean. This means that rather than discarding dirty/wet totes (as would be the case with corrugated cardboard based products), you can simply clean them off and use them again. This also makes them suitable for clean room use.

The light weight of the material (in comparison with the moulded plastic equivalents) can also reduce your transit costs (especially if calculated by weight rather than volumetrically).

And if you are transporting a high volume of products (and therefore totes) custom sizes can also reduce your transit costs. Whilst you have an initial tooling cost to absorb, by eliminating the shipping of empty space within the totes (as their size will be perfectly tailored) you can ship more in one load, reducing the number of journeys and overall costs.

Additional Features:

- Durable material ensures multiple uses, minimising lifetime costs.
- Easy clean surfaces further enhances lifespan and makes totes suitable for clean room.
- A cost effective alternative to injection moulded packaging products.
- Minimised damages reduces returns, replacements and written off stock.
- Prevention of transit or storage damage also improves customer/end user satisfaction.





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Technical Specification
Electrical
Conductive Corriplast is a type of Corrugated Plastic Board based on Polypropylene / Ethylene copolymers.
Corriplast is volume conductive, surface resistivity is less than 105 ohms squared (Method 5.0 KV charge for 5 minutes at 40 RH = V)
Units seconds V = 1/10 V=0
Conductive Black 0.27 0.53
Chemical
Conductive Corriplast is chemically unreactive and is generally regarded as being biologically inert.
Although Conductive Corriplast is inert and can be regarded as harmless, certain boards do contain additives which could be harmful and any ingestion should be avoided.
There is no release of any noxious fumes from ambient temperatures.

Stacking Box Size Chart		
SKU / Part No.	Internal Size (mm)	External Size (mm)
6000-431	378 x 276 x 102	400 x 300 x 110
6000-432	378 x 276 x 212	400 x 300 x 220
6000-433	378 x 276 x 283	400 x 300 x 300
6000-641	578 x 378 x 102	600 x 400 x 110
6000-642	578 x 378 x 212	600 x 400 x 220
6000-643	578 x 378 x 283	600 x 400 x 300





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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® Collapsible Tote Boxes, July 20th 2020.