

# Corstat® Stacking Totes.

## ESD Safe Handling and Storage.

### Save space, time and costs without sacrificing performance

Corstat Stacking Totes are an adaptable and versatile in plant handling solution when ESD protection is required. They are constructed from the market leading Corstat conductive fibreboard and are held in stock in a variety of sizes. Custom options are also available.

Your totes can also be customised through the addition of standard Corstat divisions. Providing a high degree of flexibility, the standard divider sets work seamlessly with your totes and can be configured to your specific requirements. Bespoke dividers are available on request. The end result is light-weight and cost effective protection against both physical damage and static charges.

### Reliability and durability guaranteed

- > Benefits from high conductive performance offered by Corstat material
- > Compatible Corstat divisions can be used for further versatility and efficiency
- > Sturdy construction and option of lids provides high levels of protection for contents

### Improve the efficiency of your operations

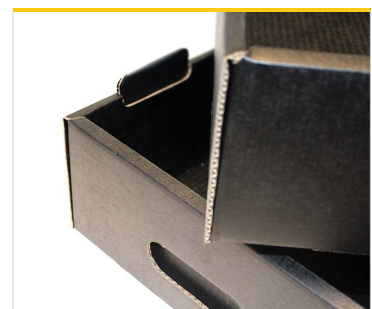
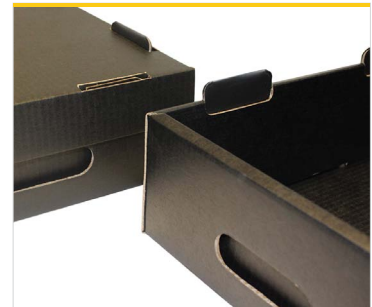
- > Supplied flat-packed saving on initial transit costs and storage space
- > Easily stacked and organised, with reinforced high impact polystyrene stacking tabs
- > Inset handles for comfortable and safe handling

### Minimise the ongoing costs to your business

- > Standard sizes available from stock, eliminating tooling charges
- > Custom designs and sizes available on request
- > A cost effective yet durable alternative to injection moulded alternatives



Corstat Stacking Totes offer an incredibly versatile and flexible solution for your handling or storage requirements. The high quality Corstat conductive fibreboard material ensures that high levels of protection and performance are guaranteed.



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## Size Guide

### Full details of the Corstat Stacking Tote range

Please use the table below to find the most suitable size / style for your specific application.

Part No.	Internals (L x W x D)	Externals (L x W x D)
5000-643	572 x 372 x 291mm	600 x 400 x 300mm
5000-642	572 x 372 x 211mm	600 x 400 x 220mm
5000-641	572 x 372 x 111mm	600 x 400 x 120mm
5000-433	372 x 272 x 291mm	400 x 300 x 300mm
5000-432	372 x 272 x 211mm	400 x 300 x 220mm
5000-431	372 x 272 x 111mm	400 x 300 x 120mm
5000-431.6	372 x 272 x 160mm	400 x 300 x 165mm

Part No.	To Fit Tote
Lid 5000-64	600 x 400mm
Lid 5000-43	400 x 300mm

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## Technical

### Performance specifications for Corstat material

Please see below for the specific performance / properties of Corstat coating.

#### 1.0 Electrical

- 1.1 Surface Resistivity (per ASTM D257-78)
  - 1.11 Buried Shielding Layer  $<10^4$  ohms/sq
  - 1.12 Exterior Layer  $<10^5$  ohms/sq
- 1.2 Electrostatic Decay Rate (per Mil B 81705B, Test Method 4046 Federal TMS 101B)  
Less than 2.0 seconds to theoretical zero
- 1.3 ESD Shielding: 99.9% Attenuation (Capacitive Probe Test)
- 1.4 Triboelectric Charge Generation approximately 0.1 C/inch std. condition

#### 2.0 Chemical

- 2.1 Surface Resistivity
  - 2.11 Reducible Sulphur: .00035% (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406)
  - 2.12 Amines: None
- 2.2 Galvanic Reaction: None

#### 3.0 Mechanical

- 3.1 Liner papers 100% pure kraft
- 3.2 Shelf Life 10 years
- 3.3 Humidity Dependence: No effect on electrical properties