

# Corstat<sup>®</sup> Component Boxes

GWP Conductive > Corstat<sup>®</sup> > Corstat<sup>®</sup> Component Boxes

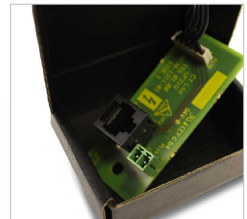


## Anti-static box

### Convenient and ESD safe packaging

ESD safe component boxes offer a convenient and safe way to store and transport static sensitive items. The Corstat<sup>®</sup> coating provides faraday cage protection, whilst antistatic foam provides ESD safe cushioning. This helps to eliminate damage to your items.

The packs are available in a comprehensive range of sizes and are available from stock, assembled or flat packed as required for next day delivery. Custom sizes of the Corstat<sup>®</sup> Conductive component boxes are also available on request.



## Features and benefits

### Key benefits of Corstat<sup>®</sup> Component Boxes

- Excellent protection from electrostatic discharge
- Creates a "Faraday cage"
- Stock sizes allow for very competitive pricing
- Custom designs available, allowing tailored performance
- Large stock holding allows for flexible volumes (no MOQs)
- Available on short lead times
- Optional foam inserts offer additional physical protection
- Fully biodegradable, minimising disposal costs
- Can be supplied flat packed
- Suitable for a range of applications

## Technical and performance

### Corstat<sup>®</sup> technical details

#### Electrical

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

#### Chemical

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

#### Mechanical

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

Find out more & see alternative options at: [kaisertech.co.uk](https://www.kaisertech.co.uk)

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## Size table

### Dimensions and product options

Please see below for a full list of model numbers, sizes, and additional information.

Brand	Part No. (empty)	Part No. (foam)	Internal Size	Surface Res.
Corstat <sup>®</sup>	CBS A	CBS B	40 x 40 x 15 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	CB1 A	CB1 B	60 x 60 x 25 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	CB2 A	CB2 B	100 x 100 x 38 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	CB3 A	CB3 B	153 x 50 x 20 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	CB4 A	CB4 B	74 x 64 x 40 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	SM12 A	SM12 B	146 x 70 x 24 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	SM14 A	SM14 B	146 x 146 x 24 mm	10 <sup>5</sup> Ohm
Corstat <sup>®</sup>	IC5050 A	IC5050 B	178 x 89 x 25 mm	10 <sup>5</sup> Ohm

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