

Corstat® Chip Boxes

GWP Conductive > Corstat® > Corstat® Chip Boxes

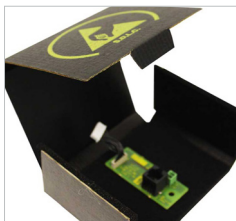


Anti-static shippers

Cost effective shipping of micro-chips

Manufactured from Corstat® conductive fibreboard, these Chip Boxes provide a cost effective method of safely shipping micro-chips, CPUs, PCBs and small electronic devices. They are supplied as standard with high density pin stick grade conductive foam in the centre, with LD conductive foams on the wings.

A range of standard sizes are available from stock usually within 48 hours. However, if you have a requirement not catered for by the stock lines, you can specify custom sizes and options (including print).



Features and benefits

Key benefits of Corstat® Chip Boxes

- Reliable ESD protection
- Faraday cage design protects contents from static
- Physical protection against mishandling
- Range of standard sizes for varying applications
- Can be created in bespoke sizes
- Various foam inserts available for specific applications
- Reliability and durability guaranteed
- Available from stock for short lead times
- Custom sizes / options created by a specialist design team
- Environmentally friendly, and safe to handle
- 10-year guarantee on the effectiveness of Corstat® coating

Technical information

Corstat® 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)

Corstat[®] Chip Boxes

GWP Conductive > Corstat[®] > Corstat[®] Chip Boxes

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 [®]	CH-5 A	CH-5 B	90 x 30 x 15	10 ⁵ Ohm
Corstat [®]	CH-10 A	CH-10 B	100 x 60 x 15	10 ⁵ Ohm
Corstat [®]	CH-20 A	CH-20 B	120 x 100 x 15	10 ⁵ Ohm
Corstat [®]	CH-40 A	CH-40 B	140 x 40 x 15	10 ⁵ Ohm
Corstat [®]	CH-60 A	CH-60 B	160 x 80 x 15	10 ⁵ Ohm
Corstat [®]	CH-80 A	CH-80 B	180 x 80 x 15	10 ⁵ Ohm

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