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Corstat Anti-Static Conductive Board Coating

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, inplant 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 overseas varnish during manufacture.



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 and Environment

Corstat anti- static conductive board coating is biodegradable and recyclable. Our products do not contain any heavy metals, aromatics or halogenated hydrocarbons.



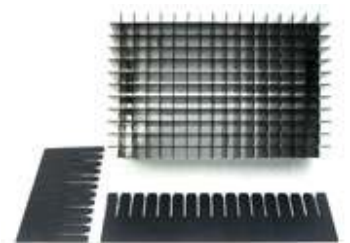
Technical

- 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 seconds to theoretical zero.
- 1.3 ESD Shielding 99.9% Attenuation (Capactive Probe Test)
- 1.4 Turboelectric Charge Generation
Approximately 0.1 C/inch² std. condition.

- 2.0 Chemical
- 2.1 Corrosivity
 - 2.11 Reducible Sulphur: .00035% (0.0008% non- tarnishing to silver, solder and copper per TAPPI T-406)
 - 2.12 Amines: None

- 2.22 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.



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