

Corstat® Device Shipper

SM11, SM110, SM12, SM14, SM511, SM5110, SM512, SM514

Description

Corstat® Device Shipper is an ideal method of storage for shipping ESD-sensitive electronic components, parts and devices. This static-safe pack eliminates device lead damage when handling or shipping as leads are suspended in the open air. The Corstat® Device Shipper is compact and versatile, making it a suitable choice for safely packing ESD-sensitive devices. Vacuum formed insert is static-dissipative and clear. Black shipping box is supplied flat. Features a yellow ESD susceptibility symbol on the box packaging to indicate that ESD precautions or controls need to be followed as the item inside the packaging is ESD susceptible or sensitive.



Corstat Properties	Typical Values
Electrical	
Surface Resistivity	Per ASTM D257-78
Buried Shielding Layer	$<10^4$ ohms/sq.
Exterior Layer	$<10^5$ ohms/sq.
Electrostatic Decay Rate	(per Mil B 81705B Test Method 4046 Federal TMS 101B Less than 2 seconds to theoretical zero)
ESD Shielding	99.9% Attenuation (Capactive Probe Test)
Turboelectric Charge Generation	Approximately 0.1 C/inch ² std. condition
Chemical	
Corrosivity	
Reducible Sulphur	00035% (0.0008% non- tarnishing to silver, solder and copper per TAPPI T-406)
Amines	None
Galvanic Reaction	None
Mechanical	
Liner Papers	100% pure kraft
Shelf Life	10 years
Humidity Dependence	No effect on electrical properties

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Part Code	Description	Size
SM11	Conductive box for SM511	70 x 70 x 24mm
SM110	Conductive box for SM5110	375 x 146 x 24mm
SM12	Conductive box for SM512	146 x 70 x 24mm
SM14	Conductive box for SM514	146 x 146 x 24mm
SM511	Tray and cover	Single device
SM5110	Tray and cover	10 devices
SM512	Tray and cover	2 devices
SM514	Tray and cover	4 devices

Corstat® Products

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 their 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.

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.



Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary, no obligation advice by speaking with one of our technical experts today.

