

**PRODUCT**

# Corstat Chip Boxes

## TECHNICAL DATASHEET


**DESCRIPTION**

Chip boxes manufactured from Corstat conductive corrugated fibreboard, these chip boxes provide an ESD safe and cost effective method of shipping chips and small electronic devices.

Antistat can assist and advise on a vast range of cross linked closed cell foams for specialist applications. Please contact one of our experienced sales team on +44 (0) 1473 836 200.

**FEATURES**

- They can be provided with soft antistatic foam or high density pin stick grade conductive foam to suit your specific requirement
- Available from stock for next day delivery
- If you have a requirement not catered for within the stock size range, please contact us as special orders can be made to any size

PRODUCT CODE	DESCRIPTION	SIZE (MM)	SIZE (IN)	NOTES
027-0017	Conductive Card Chip Box	90 x 30 x 15	3.5 x 1.1 x 0.5	Flat packed
027-0021	Conductive Card Chip Box	100 x 60 x 15	3.9 x 2.3 x 0.5	Flat packed
027-0018	Conductive Card Chip Box	120 x 100 x 15	4.7 x 3.9 x 0.5	Flat packed
027-0023	Conductive Card Chip Box	140 x 40 x 15	5.5 x 1.5 x 0.5	Flat packed
027-0024	Conductive Card Chip Box	160 x 80 x 15	6.2 x 3.1 x 0.5	Flat packed
027-0027	Conductive Card Chip Box	180 x 80 x 15	7 x 3.1 x 0.5	Flat packed

*\*Note: These codes don't include foam, if needed, please request a quote for boxes with foam included*

To request a quotation or for more information, please call **+44 (0)1473 836200**  
 email [info@antistat.co.uk](mailto:info@antistat.co.uk) or visit [www.antistat.co.uk](http://www.antistat.co.uk)

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## PROPERTIES

ELECTRICAL PROPERTIES		
Surface Resistivity (per ASTMD257-78)	Buried Shielding Layer:  Exterior Layer:	<10 <sup>4</sup> Ohms/sq  <10 <sup>3</sup> Ohms/sq
Electrostatic Decay Rate: (per Mil B 81705B, Test Method 4046 Federal TMS 101B)		Less than 2.0 seconds to theoretical zero
ESD Shielding:		99.9% Attenuation (Capacitive Probe Test)
Triboelectric Charge Generation:		Approximately 0.1 C/inch std. condition

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

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

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