

PRODUCT

Corstat Component Boxes

TECHNICAL DATASHEET



DESCRIPTION

Corstat Component Boxes provide a convenient, secure solution for storing and transporting static-sensitive devices. These packs are available in a comprehensive range of sizes, either flat-packed without foam or pre-assembled with profiled pink antistatic foam lining. The conductive coating provides Faraday Cage protection. Customisable features available.

FEATURES

- The conductive coating provides Faraday Cage protection
- Antistatic lining within the pre-assembled boxes provides ESD safe cushioning
- Surface Resistance: 10^5 Ohms

ELECTRICAL PROPERTIES

Surface Resistivity (per ASTM D257-78)	Buried Shielding Layer:	$<10^4$ Ohms/sq
	Exterior Layer:	$<10^5$ Ohms/sq
Electrostatic Decay Rate: (per MIL-PRF-81705B, Test Method 4046 Federal TMS 101B)		Less than 2.0 seconds to theoretical zero
ESD Shielding:		99.9% Attenuation (Capacitive Probe Test)

CHEMICAL PROPERTIES

Reducible Sulphur:	0.00035% (.0008% non-tarnishing to silver, solder and copper per TAPPI T-406)
Amines:	None
Galvanic Reaction:	None

MECHANICAL PROPERTIES

Line papers:	100% pure kraft
Shelf life:	10 years
Humidity dependence:	No effect on electrical properties

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

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PRODUCT CODE	DESCRIPTION	SIZE (mm)	SIZE (in)	ASSEMBLY	FOAM
026-0153	Corstat Component Box	40 x 40 x 15	1.57 x 1.57 x 0.59	Flat packed	No foam
026-0002	Corstat Component Box	60 x 60 x 25	2.36 x 2.36 x 0.98	Flat packed	No foam
026-0020	Corstat Component Box	74 x 64 x 40	3.94 x 3.94 x 1.50	Flat packed	No foam
026-0003	Corstat Component Box	100 x 100 x 38	6.02 x 1.97 x 0.79	Flat packed	No foam
026-0204	Corstat Component Box	135 x 50 x 20	2.91 x 2.52 x 1.57	Flat packed	No foam
026-0142	Corstat Component Box	146 x 70 x 24	5.75 x 2.76 x 0.94	Flat packed	No foam
026-0151	Corstat Component Box	146 x 146 x 24	5.75 x 5.75 x 0.94	Flat packed	No foam
026-0152	Corstat Component Box	178 x 89 x 25	7.01 x 3.50 x 0.98	Flat packed	No foam

PRODUCT CODE	DESCRIPTION	SIZE (mm)	SIZE (in)	ASSEMBLY	FOAM (LID AND BASE)
026-0063	Corstat Component Box	40 x 40 x 15	1.57 x 1.57 x 0.59	Assembled	6mm flat pink antistatic
026-0065	Corstat Component Box	60 x 60 x 25	2.36 x 2.36 x 0.98	Assembled	6mm flat pink antistatic
026-0068	Corstat Component Box	74 x 64 x 40	3.94 x 3.94 x 1.50	Assembled	10B/10R profiled pink antistatic
026-0062	Corstat Component Box	100 x 100 x 38	6.02 x 1.97 x 0.79	Assembled	10B/10R profiled pink antistatic
026-0067	Corstat Component Box	135 x 50 x 20	2.91 x 2.52 x 1.57	Assembled	5mm flat pink profile foam
026-0095	Corstat Component Box	146 x 70 x 24	5.75 x 2.76 x 0.94	Assembled	6mm flat pink antistatic
026-0096	Corstat Component Box	146 x 146 x 24	5.75 x 5.75 x 0.94	Assembled	6mm flat pink antistatic
026-0154	Corstat Component Box	178 x 89 x 25	7.01 x 3.50 x 0.98	Assembled	6mm flat pink antistatic

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