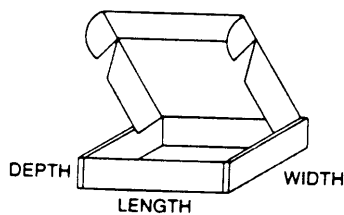


CORSTAT®

STOCK PRODUCT RANGE

CORSTAT® COMPONENT BOXES

Static shielding and physical protection for small components. Made in 'E' Flute material, Corstat coated both sides, printed with date code and reference number. All can be supplied flat packed or assembled with pink anti-static foam. Conductive foam can be supplied on special request. Overprinting of customer logo available at extra cost.

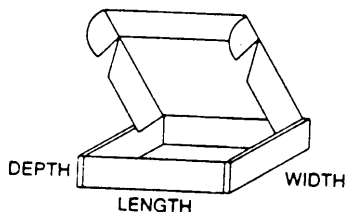


STOCK NO.	INSIDE DIMENSIONS MM			
	LENGTH	x	WIDTH	x DEPTH
CBS	40		40	15
CB-1	60		60	25
CB-2	100		100	38
CB-3	135		50	20

OTHER NON-STOCK SIZES AVAILABLE ON REQUEST

CORSTAT® TRANSIT PACKS

Faraday Cage Protection shields PCBs and components during shipping and handling. Made in 'B' Flute material, Corstat coated both sides. Printed with static warning sign, date code and reference number in yellow. All can be supplied flat packed or assembled with pink anti-static profiled foam. Die cut foam or conductive foam can be supplied on special request. Also available with brown or white outside by special order. Overprinting of customer name & logo available at extra cost.



STOCK NO.	INSIDE DIMENSIONS MM			
	LENGTH	x	WIDTH	x DEPTH
3080-1	178		127	38
3090-2	178		127	64
3180-3	229		191	38
3190-4	229		191	64
3220-5	267		216	38
3230-6	267		216	64
3310-7	318		267	38
3320-8	318		267	64
3400-9	340		140	64
3500-10	394		318	64
3600-11	521		394	38
3610-12	521		394	64

OTHER NON-STOCK SIZES AVAILABLE ON REQUEST

CORSTAT® POSTAL SLEEVES

Designed to protect and so give longer life to transit packs when posted or shipped and labelling is required. Outer sleeves to suit the whole range of stock transit packs are available. Made in Brown 'B' Flute material. Overprinting of customer name or instructions available at extra cost.

CORSTAT® BIN BOXES — RAILPAK TUBES

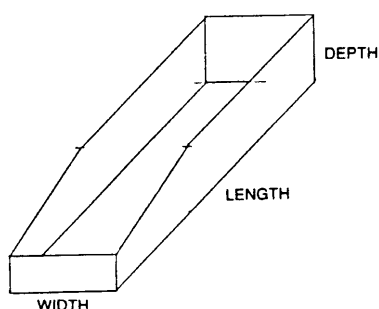
ALL STYLES OF BIN BOXES GIVE STATIC SHIELDING AND PHYSICAL PROTECTION TO CONTENTS. MADE IN 'B' FLUTE MATERIAL CORSTAT COATED BOTH SIDES, MARKED WITH DATE CODES AND REFERENCE NUMBER.

OPEN BINS - Provide in plant ESD protection for dip tubes, ICs and other components available in open and stackable configurations.

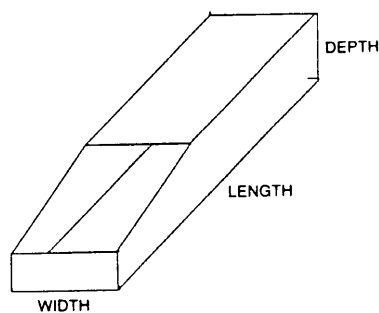
CLOSED BIN - Provides Faraday protection for shipping ICs in unshielded tubes. Can be used in storage for dissipation of static charges.

RAILPAK TUBES - Provide static protection for shipping and storage of dip tubes and ICs. Constructed of multi-ply Corstat® fibreboard. Contains static dissipative cushioning inside each end for vibration dampening.

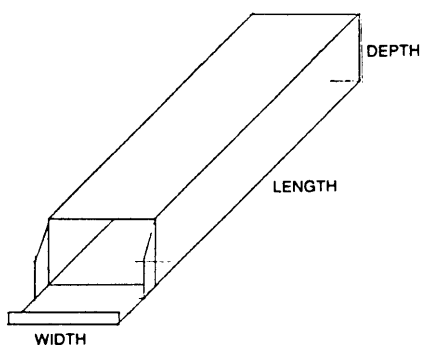
FULLY OPEN BIN



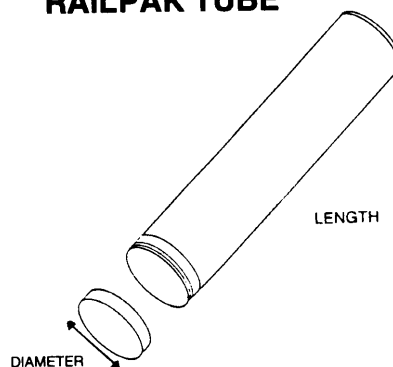
OPEN FRONT BIN



CLOSED BIN



RAILPAK TUBE



DESCRIPTION	STOCK NO.	INSIDE DIMENSIONS MM			
		LENGTH	x	WIDTH	x DEPTH
Fully Open Bin	1205	635		108	108
Fully Open Bin	1244	635		203	108
Open Front Bin	2205	635		108	108
Open Front Bin	2244	635		203	108
Closed Bin	2000	635		108	108
Railpak Tube	RT 20/21	533 x 50MM DIAMETER			

OTHER NON-STOCK SIZES OF OPEN BINS AVAILABLE ON REQUEST

CORSTAT[®] INPLANT HANDLERS

Versatile inplant static protection for various sizes of PCB. Faraday cage protection eliminates need for static protective bags. Durable double wall construction with rolled over sides, handholes, fully adjustable partitions and die cut lid.

Overprinting on base and lid available at extra cost.

Base container made from C-Flute material/Dividers and lid made from B-Flute material

PLAN VIEW 4000 40 CELL ARRANGEMENT MAX CELL SIZE 124 × 25 × 327 5 x SHORT / 9 x LONG PARTITIONS	4000-1 30 CELL ARRANGEMENT MAX CELL SIZE 167 × 25 × 327 4 x SHORT / 9 x LONG PARTITIONS	4000-2 20 CELL ARRANGEMENT MAX CELL SIZE 251 × 25 × 327 3 x SHORT / 9 x LONG PARTITIONS	4000-3 10 CELL ARRANGEMENT MAX CELL SIZE 511 × 25 × 327 2 x SHORT / 9 x LONG PARTITIONS	3RD ANGLE PROJECTION 4000-A1 591 × 330 × 330 L × W × D
PLAN VIEW 4003 20 CELL ARRANGEMENT MAX CELL SIZE 198 × 19 × 479 3 x SHORT / 9 x LONG PARTITIONS	4003-1 10 CELL ARRANGEMENT MAX CELL SIZE 403 × 19 × 479 2 x SHORT / 9 x LONG PARTITIONS	3RD ANGLE PROJECTION 4003-A1 470 × 264 × 479 L × W × D		
PLAN VIEW 4005 20 CELL ARRANGEMENT MAX CELL SIZE 179 × 19 × 279 3 x SHORT / 9 x LONG PARTITIONS	4005-1 10 CELL ARRANGEMENT MAX CELL SIZE 368 × 19 × 279 2 x SHORT / 9 x LONG PARTITIONS	3RD ANGLE PROJECTION 4005-A1 429 × 257 × 279 L × W × D		
PLAN VIEW 4007 30 CELL ARRANGEMENT MAX CELL SIZE 121 × 19 × 190 4 x SHORT / 9 x LONG PARTITIONS	4007-1 20 CELL ARRANGEMENT MAX CELL SIZE 184 × 19 × 190 3 x SHORT / 9 x LONG PARTITIONS	4007-2 10 CELL ARRANGEMENT MAX CELL SIZE 371 × 19 × 190 2 x SHORT / 9 x LONG PARTITIONS	3RD ANGLE PROJECTION 4007-A1 422 × 248 × 190 L × W × D	

OTHER NON-STOCK SIZES AVAILABLE ON REQUEST

ALL COMPONENT DIMENSIONS ARE INTERNAL AND IN MILLIMETRES

CORSTAT[®] SPECIAL PACKAGING

Besides the stock range of products in this leaflet, Corstat is renowned for its versatility in special packaging applications. These include boxes for transistors, power packs and P.C.B.'s in one box, special compartment boxes and many other styles.

Corstat also offers a versatile range of materials from folding boxboard to triple wall corrugated board, conductive corrugated plastic (C.C.P.), Foil lined board for E.M.I./R.F.I. protection and COLORSTAT coloured conductive board. All of these materials can be printed to a very high quality.

Because stock materials are held there are no minimum run lengths and delivery is fast.

Should you have a specific application which requires special designing talk to your Corstat contact for a fast response in any material.

CORSTAT[®] TECHNICAL SPECIFICATION

All Corstat Products meet the requirements of C.E.C.C. 00015 the European Standard introduced in 1992

1.0 ELECTRICAL

- 1.1 Surface Resistivity
(per ASTM D257 - 78)
 - 1.1.1 Buried Shielding Layer $< 10^4$ ohms/sq.
 - 1.1.2 Exterior Layer $< 10^5$ ohms/sq.
- 1.2 Electrostatic Decay Rate
(Per Mil B 81705B, Test Method 4046,
Federal TMS 101B)
Less than 2.0 seconds to theoretical zero.
- 1.3 ESD Shielding 99.9% Attenuation
(Capacitive Probe Test)
- 1.4 Triboelectric Charge Generation approximately
.01 nC/inch² std. condition

2.0 CHEMICAL

- 2.1 Corrosivity
 - 2.1.1 Reducible Sulphur .00035%
(.0008% non-tarnishing to silver, solder and
copper per TAPPI T-406)
 - 2.1.2 Amines: None
- 2.2 Galvanic Reaction None

3.0 MECHANICAL

- 3.1 Liner papers 100% pure Kraft
- 3.2 Rub Resistance, Exterior layer excellent
(Per Sutherland Ink Rub Test)
- 3.3 Shelf Life 10 YEARS
- 3.4 Cracking **CORSTAT** will not lose continuity
above 10^5 ohms/sq. When flexed
at score line 10 times in a 180°
motion
- 3.5 Printability Excellent
- 3.6 Humidity Dependence No effect on electrical
properties
- 3.7 Identification
 - 3.7.1. Corstat Trade Mark
 - 3.7.2. Date of Manufacture
 - 3.7.3. Stock Reference Number

4.0 APPROVALS

- 4.1 Corstat is approved by the M.O.D. and most
component boxes and transit packs have
N.A.T.O. codification numbers

CORSTAT[®] AND THE ENVIRONMENT

With more attention being paid to our environment you will be pleased to know that all Corstat products are biodegradable and recyclable.

Our products do not contain any heavy metals, aromatics, halogenated hydrocarbons or other environmentally unfriendly components.

The corrugated board we use is supplied by companies who buy paper from countries who have a tree replacing policy, predominantly the U.S.A. and Scandinavia. None of the paper we use is made from trees in the tropical rain forests.

The anti-static foam used in our component boxes/transit packs and some special In-plant handlers is not biodegradable as no company has yet developed a biodegradable anti-static foam.

Also present in foam until recently were chlorofluorocarbons (CFC's)
CFC's may be found in refrigerators, aerosol cans, foam furniture and packaging.

The release of CFC's through the atmosphere into the stratosphere is believed to upset the balance of the ozone layer which protects us from the sun's radiation.

As we are concerned about the environment in which we live it was decided to phase out foam containing CFC's as soon as alternatives were commercially available. All foam now used in our packaging is CFC free, however, this has in no way reduced its antistatic properties.

CORSTAT PRODUCTS ARE AVAILABLE FROM