

SECTION 1

CUSTOMER SPECIFICATION INDEX

ASSURANCES AND DEFINITIONS

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TECHNICAL DATA AND WARRANTY

All statements, technical information, drawings, and recommendations herein are based on tests Seller believes to be reliable, but the accuracy or completeness thereof is not guaranteed and the following LIMITED WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE:

Seller warrants that all of its products will for a period of 180 days from date of purchase, be free from defects and will conform to the specifications. Seller's sole obligation under such warranty, however, shall be to replace such quantity of its product as has been proved to be defective.

SELLER MAKES NO WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE FOR PRODUCTS MANUFACTURED BY SELLER UNLESS AGREED IN ADVANCE IN WRITING, SIGNED BY OFFICERS OF SELLER AND BUYER. ALSO, IF BUYER FURNISHES SPECIFICATIONS, SELLER DOES NOT WARRANT THAT THE RESULTING PRODUCTS WILL BE DELIVERED FREE FROM CLAIM OF ANY THIRD PERSON BY WAY OF PATENT INFRINGEMENT OR OTHERWISE.



Crown Cork & Seal Company, Inc.
11535 S. Central Avenue
Alsip, IL 60803-2599
Main Phone: (708) 239-5000

FDA WARRANTY

The materials used by Crown Cork and Seal, Inc. to manufacture food packaging complies with the U. S. FDA regulations for articles intended for use in contact with food. The materials, films and adjuvants, and construction are either prior sanctioned, GRAS, subject to a PMN, or conform to FDA regulations 21 CFR 175.300 Resinous and Polymeric Coatings, and/or other applicable regulations in 21 CFR parts 170 through 189.

Respectfully submitted,

CROWN CORK AND SEAL, INC.

By: *John Rost*
 Dr. John Rost
Regulatory Affairs & Analytical Service



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May 23, 2000

Mr. John Morrison
Automated Containers
3450 W. Central Ave.
Suite 332
Toledo, OH 43606

Dear Mr. Morrison,

I certify that all materials used by Crown Cork & Seal Company are in compliance with the CONEG model toxic legislation. Heavy metals, defined as lead, cadmium, mercury, and hexavalent chromium, are not intentionally introduced into our inks, dyes, pigments, coatings, or other components. Furthermore, the incidental level of these heavy metals has been less than 100 ppm in any packaging component supplied by Crown since January 1990.

We are providing this information based upon surveys of our material suppliers. To avoid re-certification with each minor change or new order, we are certifying that all containers sent are in compliance unless you are notified of nonconformance.

CROWN CORK AND SEAL, INC

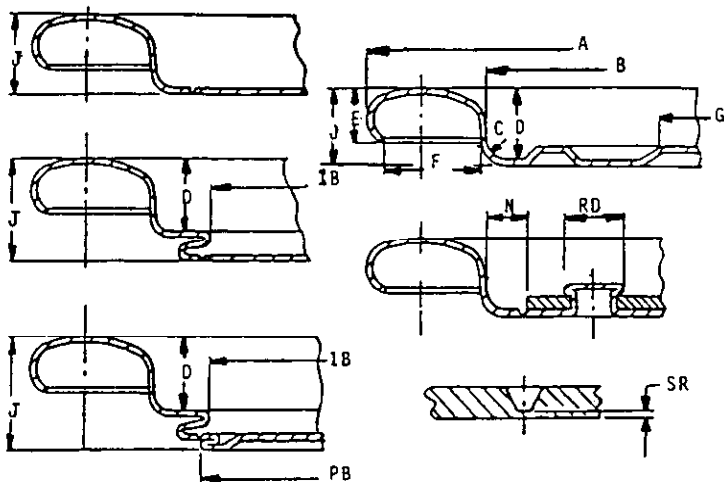
Dr. John Rost
Senior Scientist
Regulatory Affairs & Analytical Services



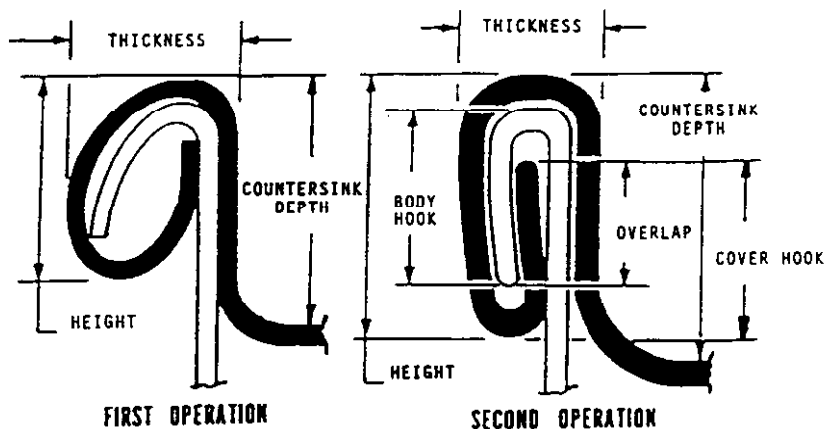
METAL END DEFINITIONS

DIMENSIONS

The diagrams below define the measurements used in Automated Container's metal end specifications. The lettering is consistent with the letters used in CCTI recommended industry standards, EXCEPT for Easy Open Ends since CCTI specifications are non-existent.

DEFINITIONS

<u>Dim.</u>	<u>Description</u>
A	Outside Curl Diameter
B	Countersink Diameter at Reference Height (Also called Chuck Fit)
C	Countersink/Radius (As measured on punch core)
D	Countersink Depth
E	Curl Height (Also called Curl Thickness)
F	Curl Opening (Also called Pin Clearance)
G	Central Panel Diameter
J	Overall Height
IB	Inside Bead Diameter
RD	Rivet Diameter
SR	Score Residual Thickness
TM	Tab Nose to chuck wall distance
PB	Panel Bead Diameter



COUNTERSINK DEPTH (CS) - The Measurement from the top edge of the double seam to the end panel or top of the rim fold adjacent to the chuck wall as shown on both, first and second operation cross sections.

The countersink reflects the lip height of the seaming chuck and should not be more than .003 - .006" (0.08- 0.15 mm) deeper than the height of the chuck.

Increased countersink will pull metal from the rimfold and end panel and could cause score failures and metal fractures in the CS radius.