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Australian Standard 2354—1980

HERMETICALLY SEALED METAL CANS FOR FOOD AND DRINKS—TERMINOLOGY AND DETERMINATION OF DIMENSIONS AND CAPACITY

STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter

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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL ORGANIZATIONS and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Canners Association

Canmakers Institute of Australia

Confederation of Australian Industry

Department of Primary Industry

Grocery Manufacturers of Australia Ltd

National Meat Canners Association

National Standards Commission

Packaging Council of Australia

Standing Committee on Packaging

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AUSTRALIAN STANDARD

HERMETICALLY SEALED METAL CANS FOR FOOD AND DRINKS—TERMINOLOGY AND DETERMINATION OF DIMENSIONS AND CAPACITY

AS 2354—1980

First published 1980

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PREFACE

This standard was prepared by the Association's Committee on Metal Cans for Food, under the direction of the Association's Packaging Standards Board. It is technically identical with International standard ISO 90, Hermetically Sealed Metal Cans for Food and Drinks—Specifications.

It should be noted that can height is not included in the text of ISO 90. In Australian standards it is the current practice to include height, defined as the overall height of the closed can in millimetres, and this should be added to the specification.

This standard makes reference to the following standard:

AS 2400 SAA Packaging Code
Part 1—Glossary of Terms

STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

for

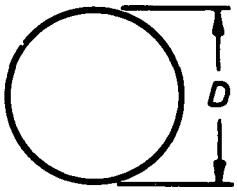
HERMETICALLY SEALED METAL CANS FOR FOOD AND DRINKS—TERMINOLOGY AND DETERMINATION OF DIMENSIONS AND CAPACITY

1 SCOPE. This standard defines terms and sets out methods for the determination of nominal dimensions, for the determination of capacity and for the designation of hermetically sealed metal cans for food and drinks.

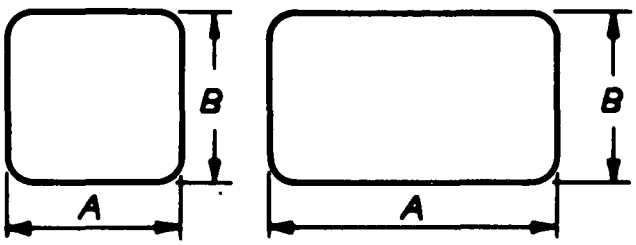
2 DEFINITIONS. For the purpose of this standard, the definitions given in AS 2400, Part 1, and the following definitions apply:

2.1 Cross-section.

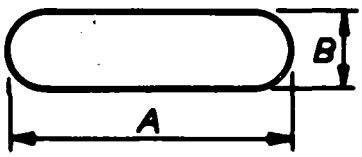
2.1.1 *Round can*—a metal container having a circular cross-section.



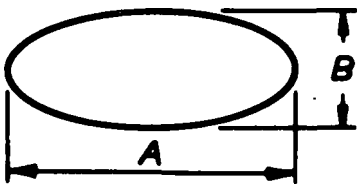
2.1.2 *Rectangular can (square and oblong)*—a metal container having a square or oblong cross-section and rounded corners.



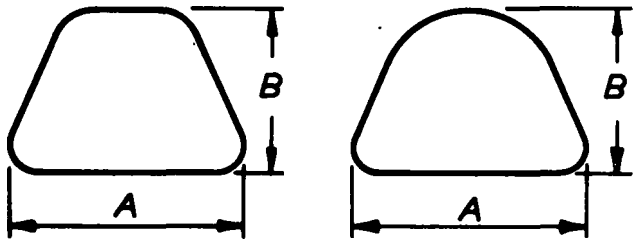
2.1.3 *Obround can*—a metal container having a cross-section with parallel sides joined by two semi-circular ends.



2.1.4 *Oval can*—a metal container having an oval cross-section.

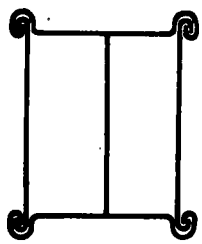


2.1.5 *Trapezoidal can*—a metal container having an approximately trapezoidal cross-section, the corners being rounded. The shorter of the parallel sides may be rounded.

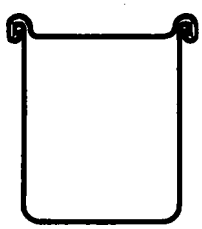


2.2 Construction.

2.2.1 *Three-piece (built-up)*—a can made from three main components: body, and top and bottom end.



2.2.2 *Two-piece can*—a can made from two main components: body with integral bottom, and top end.



2.3 Shape.

2.3.1 *Cylindrical can*—a straight-walled, necked-in, step-sided or beaded can in which the cross-section remains constant in dimensions from top to bottom, ignoring local variations caused by beading.