

SINGAPORE STANDARD

Specification for hermetically sealed metal cans for food and drinks

– Part 2 : Carbonated and non-carbonated drinks

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– Part 2 : Carbonated and non-carbonated drinks

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This Singapore Standard having been approved by the Packaging Materials Product Standards Committee was endorsed by the Standards Council on 28 November 1990.

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The Packaging Material Product Standards Committee appointed by the Standards Council consists of the following members:

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Members : Dr Philip Adams	The Plastics and Rubber Institute, Singapore Section
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CONTENTS

Page

Foreword	-	-	-	-	-	-	-	-	-	4
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SPECIFICATION

1. Scope	-	-	-	-	-	-	-	-	-	5
2. Definitions	-	-	-	-	-	-	-	-	-	5
3. Capacities and related cross-sections	-	-	-	-	-	-	-	-	-	6
4. Conditions of use	-	-	-	-	-	-	-	-	-	8
5. Designation	-	-	-	-	-	-	-	-	-	8
6. Marking-	-	-	-	-	-	-	-	-	-	8

TABLES

1.	Filling volumes and related diameters of round cans	-	-	-	6
2.	Gross lidded capacities and related diameters of round cans	-	-		7

SINGAPORE STANDARD

**SPECIFICATION FOR HERMETICALLY SEALED METAL CANS
FOR FOOD AND DRINKS
PART 2 : CARBONATED AND NON-CARBONATED DRINKS**

FOREWORD

This Singapore Standard was prepared by the Technical Committee on Hermetically Sealed Metal Cans for Food and Drinks under the direction of the Packaging Materials Product Standards Committee. It is a part of the Singapore Standard 336 on 'Hermetically Sealed Metal Cans for Food and Drinks'.

In preparing this specification, reference was made to the following standards:

- | | | |
|----|------------------------|--|
| 1. | ISO 90/1-1986 | Light gauge metal containers – Definitions and determination methods for dimensions and capacities, Part 1 : Open-top cans |
| 2. | ISO 1361-1983 | Light gauge metal containers – Open-top cans – Round cans – Internal diameters |
| 3. | ISO 3004/3-1986 | Light gauge metal containers – Capacities and related cross-sections, Part 3 : Open-top cans for drinks |
| 4. | NF H33-006 | Metal containers – Hermetically sealed metal cans for carbonated drinks |
| 5. | SS 62 : 1976 | Specification for carbonated and non-carbonated beverages |
| 6. | SS 336 : Part 1 : 1989 | Hermetically sealed metal cans for food and drinks, Part 1 : Definitions and determination methods for capacities and dimensions |

Acknowledgement is made for the use of information from the above overseas publications.

NOTE

1. Singapore Standards are subject to periodical review to keep abreast of technological changes and new technical developments. The revisions of Singapore Standards are announced through the issue either of amendment slips or of revised editions.
2. Compliance with a Singapore Standard does not exempt users from legal obligations.

1. SCOPE

This standard specifies the range of filling volumes with related diameters of hermetically sealed metal cans for carbonated and non-carbonated drinks and the conditions of use. All can measurements in this standard are given in accordance with the requirements stated in SS 336 : Part 1.

NOTE. Whenever the word 'drinks' appears, it refers to carbonated and non-carbonated drinks, unless otherwise stated.

2. DEFINITIONS

For the purpose of this standard, the following definitions and those given in SS 336 : Part 1 shall apply:

2.1 Carbonated Drinks. They include all alcoholic and non-alcoholic drinks which are artificially charged with carbon dioxide in hermetically sealed cans.

2.2 Non-carbonated Drinks. They include ready-to-drink non-carbonated drinks.

2.3 Nominal Filling Volume (in millilitres). The volume of product that the can is required to hold.

NOTE. The nominal filling volume for each nominal capacity is given as an indicative value. It should not be considered a standard characteristic.

2.4 Gross Lidded Capacity (in millilitres). The total capacity of a closed can, determined in accordance with Appendix A, SS 336 : Part 1.

2.5 Nominal Diameter. The internal diameter of the can as defined in Appendix B, SS 336 : Part 1.

2.6 Opening Diameter. It is the internal diameter of the can aperture to which the end is to be fixed, as defined in Appendix B.2, SS 336 : Part 1.

2.7 Common Nomenclature For Overall Diameter. It is the diameter being measured to the outside of the double seam. The first digit gives the number of whole inches, and the second and third digits give the fraction expressed in sixteenths of an inch. Thus 211 means that can is 2 – 11/16 inches in overall diameter.