

Australian Standard™

Tinplate cans for general use

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The following are represented on Committee PK-028:

Australian Institute of Petroleum
Australian Paint Manufacturers' Federation
Canmakers Institute of Australia
Packaging Council of Australia

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Tinplate cans for general use

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PREFACE

This Standard was prepared by Committee PK-028, Metal Cans for Non-Food Products, to supersede AS 2854—1986. This new edition is the result of a comprehensive review of the Standard.

The objective of this Standard is to specify structural and performance requirements for tinplate cans for general use.

This Standard has been revised to include examples of common can shapes and cross-sections. The list of definitions has been expanded and updated to reflect current industry usage and to align with other Standards. A greater range of performance tests has been specified.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Tinplate cans for general use

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies structural and performance requirements for a range of tinplate cans for general use and having a maximum nominal diameter or cross-section of 230 mm. These cans have re-closable sealing systems, comprising friction closure cans and non-removable top cans with screw thread closures.

Nominal capacities, gross lidded capacities and dimensions are specified for a range of stock size cans. Recommendations for non-stock size cans are also provided.

NOTE: Additional information that may be required by the purchaser or the manufacturer is given in Appendix A.

This Standard describes specifications and type-testing only. Relevant parties should decide upon acceptable quality levels (AQLs) based on AS 1199.1.

1.2 APPLICATION

This Standard applies to cans which are primarily designed as inner packagings for liquids, but which may also be used for powders and other solid or semi-solid materials. Subject to compatibility under normal conditions of storage, handling or transport, they are intended to be used for the packaging of contents that require normal protection.

NOTES:

- 1 This Standard does not apply to friction closure cans that have a diaphragm under the closure and are filled through the other end of the can prior to double seaming that end.
- 2 This Standard also does not apply to cans with slip covers or lids, or to cans with removable plugs which fit into the full open end of the can body (i.e. full friction cans).
- 3 Cans manufactured to this Standard may also be suitable for the transport of dangerous goods if approved and marked in accordance with the requirements of the legislation applicable to the chosen mode of transport.

1.3 INNOVATIONS

The requirements of this Standard are not intended to restrict any innovations and improvements such as any novel materials, designs, methods of assembly, or the like, which give equivalent performance.

1.4 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1199	Sampling procedures for inspection by attributes
1199.1	Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
1517	Tinplate and blackplate