

Australian Standard

**SINGLE-USE
CONTAINERS FOR LIQUID DAIRY
PRODUCTS**

The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chamber of Manufactures of Australia
Australian and New Zealand Pulp and Paper Industry Technical Association
Australian Dairy Corporation
Australian Dairy Farmers Federation
Australian Federation of Consumer Organisations
CSIRO, Division of Food Research
Council of Australian Food Technology Associations Incorporated
Dairy Industry Authority of New South Wales
Departments of Agriculture
Departments of Primary Industry
Departments of Science
National Health and Medical Research Council
National Packaging Association of Australia
Plastics Institute of Australia Incorporated

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PRODUCTS**

First published 1978

PREFACE

This standard was prepared by the Association's Committee on Wrapping Materials for Dairy Products, under the direction of the Dairying Standards Board.

The main object of the standard is to ensure that the prescribed containers possess satisfactory handling qualities, are hygienically sound and biologically safe, and do not impart any detectable taint to the product packed. The standard is therefore presented in the form of a performance specification which allows for flexibility in the choice of shape and form of the container and in the use of materials, provided that the latter conform to the requirements of the standard.

This standard may require reference to the following Australian and British standards:

- AS 1095 Methods of Microbiological Examination of Dairy Products and for Dairy Purposes,
Part 5, Section 2—Assessment of Microbial Condition of Retail Containers for Dairy Products*
- AS 1326 Polyethylene (Polythene) Film for Packaging and Allied Purposes
Supplement No 1, Polyethylene (Polythene) Film for Packaging Dairy Products
- AS 2070 Plastics Materials for Food Contact Use
Part 1—Polyethylene
- BS 3755 Methods of Test for the Assessment of Odour from Packaging Materials used for Foodstuffs.

* In course of preparation.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Specification
for
SINGLE-USE CONTAINERS FOR LIQUID DAIRY
PRODUCTS

1 SCOPE. This specification applies to single-use containers for liquid dairy products.

2 CONTAINER TYPES. A container may be an unsupported plastics bag, a plastics bag fitted with a dispensing device and supported by a rigid outer container, or a paper or paperboard container lined on the inside with paraffin wax or polyethylene film.

3 DEFINITIONS. For the purpose of this specification the following definitions apply:

Broke—paper which has been discarded in the process of paperboard manufacture.

Grammage—the mass per unit area of paper or paperboard, expressed in grams per square metre (g/m^2).

Product contact surface—any surface of the container which comes into contact with the liquid dairy product during filling, storage and use.

Laminate—a product made by bonding together two or more layers of a material or materials.

Paper—continuous felted web of vegetable fibres deposited from a water suspension or a fine wire screen.

Paperboard—a fairly rigid paper with a grammage greater than 205 g/m^2 .

4 MATERIALS.

4.1 General. Materials on or in any product contact surface of a container shall be free from substances which are prohibited by an appropriate Statutory Authority and from any other substance which could migrate into the dairy product at a level which could be a health hazard.

4.2 Paper and Paperboard. Paper and paperboard shall be manufactured from virgin pulp and clean broke of the same material.

4.3 Plastics. Plastics shall be made from virgin compound to which may be added only uncontaminated material which is recovered from the primary film manufacturing process and which is, therefore, except in physical form the same as the compound