

Australian/New Zealand Standard™

Shopping trolleys

Part 1: For general use

AS/NZS 3847.1:1999

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-016, Shopping Trolleys. It was approved on behalf of the Council of Standards Australia on 30 October 1998 and on behalf of the Council of Standards New Zealand on 19 October 1998. It was published on 5 January 1999.

The following interests are represented on Committee CS-016:

Accident Rehabilitation & Compensation Insurance Corporation, New Zealand
Australian Industry Group
Australian Supermarket Institute
Employers & Manufacturers Association, New Zealand
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(Incorporating Amendment No. 1)

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PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee CS-016, Shopping Trolleys. In its preparation, cognizance was given to BS 7646:1993, *General purpose self-service trolleys* and prEN 1929:1995, *Basket trolleys with or without a child carrying facility*.

This Standard incorporates Amendment No.1 (March 2002). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This Standard was developed on the basis that children up to 18 kg (around 3 years of age) are the intended users of child carrying facilities in shopping trolleys and also those most at risk of injury. If child carrying facilities are to be used by heavier children, then adjustment should be made to the minimum dimensions of the child carrying facility, its carrying capacity, the information supplied on the trolley, and the child seat test loads.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Shopping trolleys**Part 1: For general use****1 SCOPE**

This Standard specifies materials, construction, performance and testing requirements for shopping trolleys which are designed with or without a child carrying facility, for use by customers of self-service stores to carry goods.

NOTES:

- 1 The Standard covers seating in trolleys for children up to 18 kg (see Preface).
- 2 Requirements for trolleys for use on moving walks are not included.

2 OBJECTIVE

The objective of this Standard is to provide manufacturers, retailers and others with minimum safety requirements for shopping trolleys.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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| 1192 | Electroplated coatings—Nickel and chromium |
| 1647 | Childrens toys (safety requirements) |
| 1647.3 | Part 3: Toxicological requirements |
| 1789 | Electroplated coatings—Zinc on iron or steel |
| 1956 | Anodic oxidation coatings on aluminium for decorative and automotive applications |

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|------|---|
| 2088 | Prams and strollers—Safety requirements |
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4 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

4.1 Base

The part of the trolley which is fitted with castors and which supports the basket (see Figure 1).

4.2 Castor

A housing which supports a wheel or wheels mounted in a tread or other element. The housing can be fixed or free to swivel about its vertical axis.

4.3 Gate

The rear wall of the trolley which is movable to permit nesting of trolleys (see Figure 1).



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