

Australian/New Zealand Standard™

Folding cots—Safety requirements



AS/NZS 2195:2010

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-003, Safety Requirements for Children's Furniture. It was approved on behalf of the Council of Standards Australia on 16 October 2009 and on behalf of the Council of Standards New Zealand on 10 December 2009. This Standard was published on 2 February 2010.

The following are represented on Committee CS-003:

Australian Chamber of Commerce and Industry
Australian Competition and Consumer Commission
Australian Industry Group
Australian Retailers Association
CHOICE
Consumer Affairs Victoria
Consumers Federation of Australia
Department of Health, SA
Department of Tourism, Fair trading and Wine Industry Development, NZ
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-003, Safety Requirements for Children's Furniture to supersede AS/NZS 2195:1999, *Folding cots—Safety requirements*.

This Standard incorporates Amendment No. 1 (July 2013) and Amendment No. 2 (April 2015). 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 revised due to a number of incidents involving folding cots and the vastly changed nature of the product since the previous edition of the Standard.

The objective of this Standard is to provide regulatory authorities with essential safety requirements and to provide manufacturers with functional, durability, stability and performance criteria to reduce the likelihood of death or injury to infants occupying folding cots.

The objective of this revision is to incorporate requirements for accessories such as bassinets, change tables, mosquito nets and specifically addresses the need for better marking and labelling requirements to prevent potential entrapment and suffocation hazards associated with these products if not used or assembled according to manufacturers' instructions.

Committee CS-003 considered suitable materials for cot sides to provide breathability. The requirements of this Standard are for cot sides with an open weave fabric with openings of at least 1.5 mm. In future, other materials may prove suitable and these will be considered for inclusion in this Standard.

This Standard is not intended to limit design, but dimensions are specified where the Committee considered that these relate to the child's safety.

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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FOREWORD

The most important safety hazards found with folding cots are:

- (a) Inadvertent release of locking devices and subsequent collapse of a cot's side.
- (b) Strangulation or asphyxiation hazard resulting from the entrapment of a child's neck if one or more of the locking devices fails and the sides form a clamping 'v' shape.
- (c) Suffocation hazard resulting from the use of non-breathable materials for the mattress and flexible sides of the folding cot, sometimes involving a child's head being entrapped between the mattress and flexible sides of the cot. Breathability requirements have been included for the sides of the folding cot but a requirement for mattresses is still to be developed.

Specific safety requirements are included in this Standard that are designed to overcome such safety issues. These include testing for strength and durability of the locking devices and folding mechanism. A bite test and a detachable parts test ensure children cannot swallow small parts of components of the cot. Requirements are also included to ensure there are no footholds and a sufficient depth of sides to prevent children from falling out of the cot.

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Australian/New Zealand Standard Folding cots—Safety requirements

1 SCOPE

This Standard specifies safety requirements for folding cots and accessories used with folding cots. These requirements cover materials, design, construction, performance, labelling and marking, all of which are important for the well being of children who use cots. The Standard is applicable to folding cots constructed of metal, plastic, textile fabric or mesh. For timber folding cots or cots made with rigid materials (see Clause 5) reference is made to AS/NZS 2172. Playpens with a floor also fall within the scope of this Standard as they are essentially the same product as folding cots. Playpens without a floor are not covered by this Standard.

This Standard is not applicable to cradles, carry cots or to non-folding cots.

2 APPLICATION

This Standard is applicable to cots that can be readily disassembled or folded for transportation or storage, intended for children in household or day nurseries.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard.

AS

2001 Methods of test for textiles

2001.2.3.2 Method 2.3.2: Physical tests—Determination of maximum force using the grab method (ISO 15007-4-2:1999, MOD)

2001.2.10 Method 2.10: Physical tests—Determination of the tear resistance of woven textile fabric by the wing-rip method

2001.2.21 Method 2.21: Physical tests—Determination of seam opening due to the application of force in the transverse direction

2281 Flexible cellular polyurethane for seat cushioning and bedding

AS/NZS

2172 Cots for household use—Safety requirements

AS/NZS ISO

8124 Safety of toys

8124.1 Part 1: Safety aspects related to mechanical and physical properties (ISO 8124.1:2000, MOD)

8124.3 Part 3: Migration of certain elements

4 DEFINITIONS

For the purpose of this Standard the definitions below apply.

4.1 Accessible to the child

Within the reach of the child that is inside the folding cot, including components of the folding cot that are on the outside to within a distance of 300 mm in any direction except below the mattress base.

NOTE: See Clause 4.12 for the definition of ‘within the folding cot’. When a child is ‘within the folding cot’, components that a child can reach need to be tested, and components that cannot be reached do not need to be tested, e.g. castors.