



Standard Consumer Safety Specification for Non-Full-Size Baby Cribs¹

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INTRODUCTION

This consumer safety specification addresses incidents associated with non-full-size cribs that were identified by the U.S. Consumer Product Safety Commission (CPSC).

Incidents associated with wooden cribs involved dislodgment of slats due to breakage or failure of glue joints, collapse of the mattress support, and detachment of screws. Incidents associated with mesh/fabric cribs involved tears in the mesh sides, failure of stitched seams, collapse, failure of latching mechanisms, and choking on vinyl or padding bitten from the top rail.

In response to the incident data collected by the CPSC, this consumer safety specification attempts to minimize the risk of injury or death due to failure of mattress support hardware, failure of glued or bolted connections, latch failure, dislodgment of teething rails, entanglement on cords or strings, and tears in mesh or fabric sides. This specification also addresses incidents associated with poor maintenance or assembly by means of requirements for the contents of instructional literature that must accompany a non-full-size crib.

1. Scope

1.1 This consumer safety specification covers testing requirements for structural integrity and design requirements for non-full-size cribs, both rigid sided and mesh/fabric assemblies. It also provides requirements for labeling and instructional material. For purposes of this standard specification, the term “crib” will be used to refer to a non-full-size crib.

1.2 This specification covers products intended to provide sleeping accommodations for a child (excluding bassinets, cradles and baskets) that have interior dimensions between 17 in. (430 mm) and 26 in. (660 mm) wide and between 35 in. (890 mm) and 50 $\frac{3}{8}$ in. (1280 mm) long. Products exceeding both 26 in. (660 mm) wide and 50 $\frac{3}{8}$ in. (1280 mm) long, including over size cribs, will fall under the scope of Specification F 1169.

1.3 No crib produced after the approval date of this consumer safety specification shall, either by label or other means, indicate compliance with this specification unless it conforms to all applicable requirements contained herein, before and after all testing.

1.4 The values stated in inch-pound units are to be regarded as the standard. The SI units given in parentheses are for information only.

1.5 The following safety hazards caveat pertains only to the test method portion, Section 10, of this specification: *This standard does not purport to address all of the safety concerns,*

if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 ASTM Standards:

D 1424 Test Method for Tear Resistance of Woven Fabrics By Falling Pendulum (Elmendorf) Apparatus²

D 1683 Test Method for Failure in Sewn Seams of Woven Fabrics²

D 3359 Test Methods for Measuring Adhesion by Tape Test³

D 5034 Test Methods for Breaking Load and Elongation of Textile Fabrics (Grab Test)⁴

F 966 Consumer Safety Specification for Full-Size and Non-Full-Size Baby Crib Corner Post Extensions⁵

F 1169 Consumer Safety Specification for Full-Size Baby Cribs⁶

2.2 Federal Regulations:

16 CFR 1303 Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint⁷

16 CFR 1500 Hazardous Substances Act Regulations including sections:

² Annual Book of ASTM Standards, Vol 07.01.

³ Annual Book of ASTM Standards, Vol 06.01.

⁴ Annual Book of ASTM Standards, Vol 07.02.

⁵ Annual Book of ASTM Standards, Vol 15.07.

⁶ Annual Book of ASTM Standards, Vol 14.02.

⁷ Available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

¹ This consumer safety specification is under the jurisdiction of ASTM Committee F-15 on Consumer Products and is the direct responsibility of Subcommittee F15.18 on Cribs, Toddler Beds, and Play Yards.

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