



Designation: F 2085 – 03

Standard Consumer Safety Specification for Portable Bed Rails¹

This standard is issued under the fixed designation F 2085; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

INTRODUCTION

This consumer safety specification addresses portable bed rail incidents that were identified by the U.S. Consumer Product Safety Commission (CPSC).

In response to incident data supplied by the CPSC, this consumer safety specification attempts to minimize the following type of potential hazard through labeling and performance requirements: entrapment between the portable bed rail and mattress in the bed rail structure and entanglement on protrusions. Entrapment of a child by the head or neck can result in asphyxiation.

This consumer safety specification is written within the current state-of-the-art of portable bed rail technology. It is intended that this specification will be updated whenever substantive information becomes available that necessitates additional requirements or justifies the revision of existing requirements.

This consumer safety specification is not intended to cover bed rails that are either blatantly misused or used in a careless manner that disregards the safety instructions in the warning statements provided with each bed rail.

1. Scope

1.1 This consumer safety specification establishes requirements for the performance of portable bed rails. It also contains requirements for labeling and instructional literature.

1.2 This consumer safety specification is intended to minimize hazards to children resulting from normal use and reasonably foreseeable misuse of portable bed rails.

1.3 For the purpose of this consumer safety specification, a portable bed rail is a device intended to be installed on an adult bed to prevent children from falling out of bed. These bed rails are intended for children who can get in and out of an adult bed unassisted (typically from 2 to 5 years of age.)

1.4 No bed rail as defined in 3.1.2 that is 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 the requirements contained herein.

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

1.6 The following precautionary caveat pertains only to the test methods portion in Section 7 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 requirements prior to use.

2. Referenced Documents

2.1 ASTM Standards:

D 3359 Test Methods for Measuring Adhesion by Tape Test²

D 3574 Test Methods for Flexible Cellular Materials—Slab, Bonded and Molded Urethane Foams³

2.2 Federal Standards:⁴

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

16 CFR Part 1500 Federal Hazardous Substances Act Regulations, including Sections:

1500.48 Technical Requirements for Determining a Sharp Point in Toys and Other Articles Intended for Use by Children Under 8 Years of Age

1500.49 Technical Requirements for Determining a Sharp Metal or Glass Edge in Toys and Other Articles Intended for Use by Children Under 8 Years of Age

¹ This consumer safety specification is under the jurisdiction of ASTM Committee F15 on Consumer Products and is the direct responsibility of Subcommittee F15.11 on Bed Rails.

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² See *Annual Book of ASTM Standards*, Vol 06.01.

³ See *Annual Book of ASTM Standards*, Vol 08.02.

⁴ *Code of Federal Regulations*, available from U.S. Government Printing Office, Washington, DC 20402.