



Designation: F 833 – 01

Standard Consumer Safety Performance Specification for Carriages and Strollers¹

This standard is issued under the fixed designation F 833; 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 performance specification addresses carriage and stroller incidents that were identified by the U.S. Consumer Product Safety Commission (CPSC).

The CPSC identified injuries to children associated with the following: stability, brakes, restraint systems, latches and folding mechanisms, structural integrity, and deaths due to entrapment in openings of convertible carriage/strollers. By far, the most common injury resulted when a child fell or climbed out of a stroller because the restraint system was not being used. In response to the incidents data developed by the CPSC, this consumer safety performance specification attempts to minimize the previously listed problems. This specification does not cover carriages and strollers that are blatantly misused, although warnings and safety instructions are required to be prominently displayed on or with each carriage or stroller.

NOTE 1—This consumer safety performance specification is not intended to address incidents and injuries resulting from the interaction of other persons with children in carriages or strollers or incidents resulting from unforeseeable abuse or misuse.

This consumer safety performance specification is written within the current state of the art of carriage and stroller technology. It is intended that this specification will be updated whenever substantive information becomes available which necessitates additional requirements or justifies the revision of existing requirements.

1. Scope

1.1 This consumer safety specification establishes safety performance requirements, test methods, and labeling requirements to minimize the hazards to children presented by carriages and strollers as identified in the introduction.

1.2 No carriage or stroller produced after the approval date of this consumer safety performance specification shall, either by label or other means, indicate compliance with this specification unless it conforms to all requirements herein.

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

1.4 The following precautionary caveat pertains only to the test method portion, Section 7, of this consumer safety 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 3359 Test Methods for Measuring Adhesion by Tape Test²

2.2 Federal Standards:

16 CFR-1303—Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint³

16 CFR-1500 Hazardous Substances Act Regulations including sections: ³

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

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

1500.50-52 Tests Methods for Simulating Use and Abuse of Toys and Other Articles Intended for Use by Children
16 CFR 1501 Method for Identifying Toys and Other Articles Intended for Use by Children Under Three Years of Age Which Present Choking, Aspiration, or Ingestion

¹ This specification is under the jurisdiction of ASTM Committee F15 on Consumer Products and is the direct responsibility of Subcommittee F15.17 on Carriages, Strollers, Walkers, and Stationary Activity Centers.

Current edition approved Nov. 10, 2001. Published December 2001. Originally published as F 833-83. Last previous edition F 833-00.

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

³ *Code of Federal Regulations*, available from U.S. Government Printing Office, Washington, DC 20402.