



Standard Consumer Safety Performance Specification for Shopping Carts¹

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INTRODUCTION

This consumer safety specification is intended to address injuries to children associated with falls from shopping carts. Based on data from the U.S. Consumer Product Safety Commission (CPSC) National Electronic Injury Surveillance System (NEISS), falls are among the leading causes of head injuries to young children. The most common injury resulted when a child fell or climbed out of a shopping cart because the restraint system was not being used. Falls from shopping carts most often occur when children stand up in the child seat or the cart basket. Falls also occur when children climb on the outside of the cart and cause the cart to tip over. Falls from the child seat occur when the children are not buckled or when they wriggle out of, or unbuckle, the seat restraints. Children can also fall from or with an infant seat, infant carrier, or a car seat placed on the cart seat.

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

This consumer safety performance specification is written within the current state of the art of shopping cart 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 performance specification covers performance requirements, test methods, and labeling requirements for shopping carts and restraint systems.

1.2 This specification is intended to cover children who are at least six months of age and at least 15 lb (7 kg) up to children who are not more than four years of age and who weigh no more than 35 lb (16 kg).

1.3 This specification does not include any provisions nor is intended for use of infant carriers.

1.4 No shopping cart or restraint system 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.

1.5 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical

conversions to SI units that are provided for information only and are not considered standard.

1.6 The following precautionary caveat pertains only to the test method portion, 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 limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards*:²

D3359 Test Methods for Measuring Adhesion by Tape Test

2.2 *European Standard*:³

EN 1929-1:1998 Basket trolleys. Requirements and tests for basket trolleys with or without a child carrying facility

¹ This specification is under the jurisdiction of ASTM Committee F15 on Consumer Products and is the direct responsibility of Subcommittee F15.56 on Shopping Carts.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from European Committee for Standardization (CEN), Avenue Marnix 17, B-1000, Brussels, Belgium, <http://www.cen.eu> or British Standards Institution (BSI), 389 Chiswick High Rd., London W4 4AL, U.K., <http://www.bsigroup.com>.