



Designation: F1912 – 17

Standard Specification for Safety of Bean Bag Chairs¹

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INTRODUCTION

This safety specification addresses choking and suffocation hazards that may exist with children and bean bag chairs.

From January 1973 to August 1995, the U.S. Consumer Product Safety Commission received reports of five deaths and 26 non-fatal incidents associated with bean bag chairs. Victims range in age from 14 months to 14 years. Deaths and injuries related to:

- (1) *Suffocation*—inside the bag,
- (2) *Suffocation*—from pellets clogging nose/throat,
- (3) *Choking*—pellets in mouth,
- (4) *Inhaling pellets*, and
- (5) *Earache*—pellets in ear.

1. Scope

1.1 This specification is intended to reduce choking and suffocation hazard(s) associated with bean bag chairs.

1.2 This specification covers bean bag chairs with and without zippers.

1.3 This specification covers two types of bean bag chairs:

1.3.1 Those designed to be refilled, and

1.3.2 Those designed with permanent closures and not intended to be refilled.

1.4 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.

1.5 *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. Terminology

2.1 *Definitions of Terms Specific to This Standard:*

2.1.1 *bean bag chair, n*—an article of furniture composed of a fabric, vinyl, leather, or other cover, no internal support

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mechanism, and a filling of polymeric or natural material beads. Any seams which are not sewn shut are closed with a zipper.

2.1.2 *direct path, n*—an opening in a bean bag chair that allows a straight, 6 in. long, 1/8-in. diameter, cylindrical rod to penetrate from outside the bag to the beads or to a liner inside the bag that holds the beads if such a liner is used.

2.1.3 *permanently disabled, adj*—refers to a method(s) that will render the zipper inoperative in such a way that a consumer will need to destroy a zipper component in order to gain access into the bean bag through the zipper opening.

2.1.4 *refillable bean bag chair, n*—a bean bag chair intended to be refilled with polymeric material, natural material beads, or a liner that contains either of the mentioned filler materials.

3. Performance Requirements

3.1 Bean bag chairs shall be supplied with label(s) permanently attached and as specified in Section 4. The label(s) shall warn the users of potential harm of an open bag and of the ingredients.

3.2 The durability test as specified in Section 5 shall not result in the failure of the bean bag's closures' components or projections, or failure of its seams that allow beads or filler material to escape, or allow access to the beads or liner holding the beads, if such a liner is used, by probe A defined in Fig. 1 driven by 5 lbf (22 N) or less.

3.3 *Bean Bag Chairs, with Zippers but Not Intended To Be Refilled:*

3.3.1 Prior to shipment, zippers shall be closed and permanently disabled.