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## Standard Performance Specification for Tipover Restraint(s) Used with Clothing Storage Unit(s)<sup>1</sup>

This standard is issued under the fixed designation F3096; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### INTRODUCTION

This is a requirement for tipover restraints used on clothing storage units as defined in Specification **F2057**.

### 1. Scope

1.1 This safety specification is intended to define the test method and other requirements for tipover restraints as required in Specification **F2057**.

1.2 This specification assesses the strength of the tipover restraint only, and does not address the in situ performance of the tipover restraint.

1.3 The values stated in inch-pounds 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.

1.4 The following safety hazard caveat pertains only to the test procedure portion, Section 4, of this 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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.5 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

### 2. Referenced Documents

2.1 *ASTM Standards:*<sup>2</sup>  
**F2057 Safety Specification for Clothing Storage Units**

### 3. Terminology

3.1 *Definitions of Terms Specific to This Standard:*

3.1.1 *clothing storage unit, n*—furniture item intended for the storage of clothing typical of bedroom furniture.

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee **F15** on Consumer Products and is the direct responsibility of Subcommittee **F15.42** on Furniture Safety. Current edition approved ~~May 15, 2021~~ May 1, 2023. Published ~~May 2021~~ May 2023. Originally approved in 2014. Last previous edition approved in 2014 as **F3096—14**; **F3096 – 14 (2021)**. DOI: ~~10.1520/F3096-14R21~~ 10.1520/F3096-23.

<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

3.1.2 *installation instructions, n*—detailed diagram and written description of the proper installation of tipover restraint.

3.1.3 *manufacturer, n*—organization or company that makes or consolidates the tipover restraint component parts and installation instructions.

3.1.4 *tipover restraint, n*—supplemental device that aids in the prevention of tipover.

**4. Test Method**

4.1 Assemble tipover restraint components including provided fasteners in accordance with manufacturer’s instructions.

4.2 Rigidly suspend the assembly by securing one end of the tipover restraint by gripping directly, or attaching to a fixed structure (for example, wooden block). See Fig. 1 for test method examples for commonly used tipover restraints.

4.3 Attach a loading device to the fastener(s) on the opposite end of restraint.

4.4 Gradually, over a period of not less than 2 s nor greater than 15 s, apply the static load of 50 lb (2360 lb (27.22 kg) and maintain for an additional 30 s. See Note 1.

NOTE 1—The total weight of 60 lb is above the 95th percentile weight of a child up to 72 months. Data based on the National Center for Health Statistics in collaboration with the National Center for Chronic Disease Prevention and Health Promotion (2000).

4.5 If the fastener(s) become unattached from the test structure (wood block or fixed structure) in such a way that it prohibits the completion of the test, then the fastener(s) are to be reattached using whatever means possible without affecting the test results of the assembly.

**5. Instructional Literature**

5.1 Installation instructions shall include at a minimum the following:

5.1.1 Illustration showing installation method.

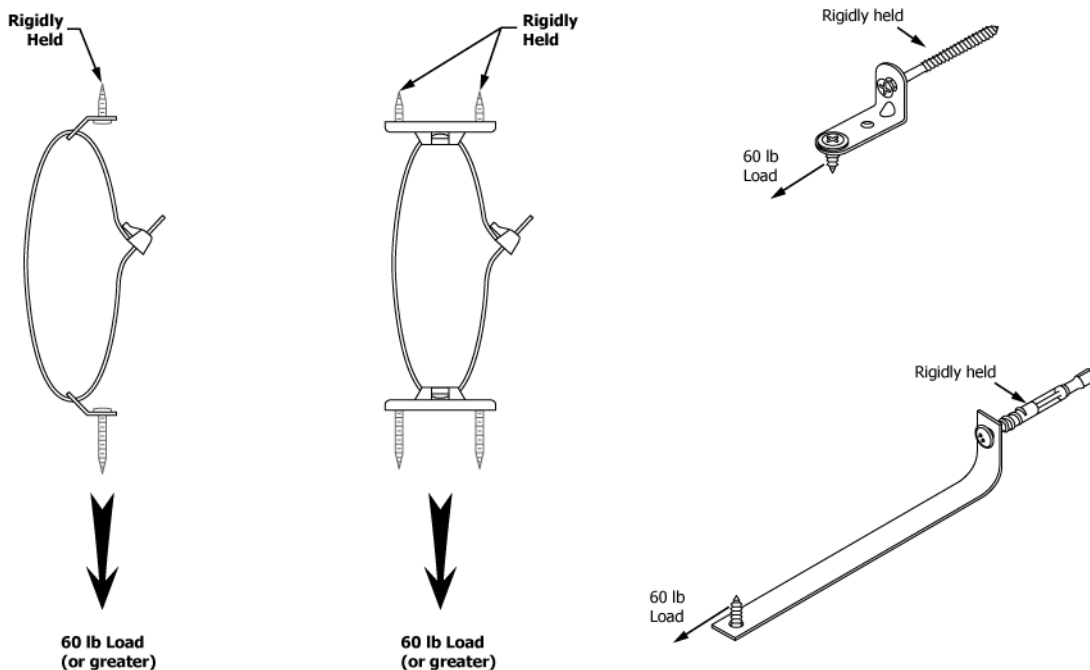


FIG. 1 Test Method Examples