



Standard Guide for Fences for Baseball and Softball Fields¹

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1. Scope

1.1 This guide provides recommended minimum requirements for various types of fences used in softball and baseball ballfields and other sports facilities, and practices for installation.

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

1.3 *This guide 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

- A392 Specification for Zinc-Coated Steel Chain-Link Fence Fabric
- A491 Specification for Aluminum-Coated Steel Chain-Link Fence Fabric
- A700 Guide for Packaging, Marking, and Loading Methods for Steel Products for Shipment
- F552 Terminology Relating to Chain Link Fencing
- F567 Practice for Installation of Chain-Link Fence
- F626 Specification for Fence Fittings
- F668 Specification for Polyvinyl Chloride (PVC), Polyolefin and Other Polymer-Coated Steel Chain Link Fence Fabric
- F1043 Specification for Strength and Protective Coatings on Steel Industrial Fence Framework
- F1083 Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures
- F1183 Specification for Aluminum Alloy Chain Link Fence Fabric
- F1345 Specification for Zinc-5 % Aluminum-Mischmetal

Alloy-Coated Steel Chain-Link Fence Fabric
F1664 Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence

2.2 CPSC Document:

CPSC Staff Recommendations

2.3 ASA and Other Ball Sports Associations:

Staff Recommendations

2.4 BOCA Document:

BOCA National Building Code/1993 – 12th Edition

2.5 NFPA Documents:³

Staff Recommendations

NFPA 70 National Electric Code (NEC)

2.6 ANSI/IEEE Document:⁴

ANSI/IEEE C2 National Electric Safety Code

3. Terminology

3.1 See Terminology F552 for definitions of terms relating to chain-link fencing.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *fence, n*—a type of barrier that surrounds and deters balls, bats, and passage to or from the playing area.

3.2.2 *field, n*—the outdoor area that has been either designated, designed, constructed, or otherwise used for softball or baseball, or both.

3.2.3 *grade, n*—the finished elevation at any specified point of the ground or pavement outside or inside the playing area.

3.2.4 *outdoor, adj*—site located outside of a completely enclosed building or other structure.

4. Summary of Guide

4.1 This guide is based in part upon recommendations of the task groups concerned with baseball and softball of ASTM Committee F08.

4.2 This guide is directed to outfield fences, side and foul line fences, backstops, on-grade players benches and below grade players dugouts.

¹ This guide is under the jurisdiction of ASTM Committee F14 on Fences and is the direct responsibility of Subcommittee F14.10 on Specific Applications.

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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 National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, MA 02169-7471, <http://www.nfpa.org>.

⁴ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.