



Designation: F1553 – 11 (Reapproved 2022)

Standard Guide for Specifying Chain Link Fence¹

This standard is issued under the fixed designation F1553; 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.

1. Scope

1.1 This guide covers the recommended criteria for specifying the various elements of a chain link fence and lists the available choices of components from the current ASTM standards.

1.2 No recommendation is made or implied concerning the merits of any particular product. The choice of product components of the chain link fence should be made by the writers of the project specification, based on their own perception of the merits of the products for the particular application.

1.3 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.

1.4 *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:²

- A121 Specification for Metallic-Coated Carbon Steel Barbed Wire
- A392 Specification for Zinc-Coated Steel Chain-Link Fence Fabric
- A491 Specification for Aluminum-Coated Steel Chain-Link Fence Fabric

¹ This guide is under the jurisdiction of ASTM Committee F14 on Fences and is the direct responsibility of Subcommittee F14.40 on Chain Link Fence and Wire Accessories.

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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.

- A824 Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence
- 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
- F900 Specification for Industrial and Commercial Steel Swing Gates
- F934 Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials
- F969 Practice for Construction of Chain-Link Tennis Court Fence
- 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
- F1184 Specification for Industrial and Commercial Horizontal Slide Gates
- F1345 Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Chain-Link Fence Fabric
- F1379 Terminology Relating to Barbed Tape
- F1664 Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence
- F1665 Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used With Chain-Link Fence
- F1712 Specification for Steel Chain-Link Fencing Materials Used for High Security Applications (Withdrawn 2015)³
- F1910 Specification for Long Barbed Tape Obstacles
- F1911 Practice for Installation of Barbed Tape
- F2000 Safety Performance Specification for Fences for Baseball and Softball Fields
- F2049 Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas
- F2200 Specification for Automated Vehicular Gate Construction

³ The last approved version of this historical standard is referenced on www.astm.org.