



Standard Guide for Specifying Industrial and Commercial Chain Link Fence¹

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1. Scope

1.1 This guide covers the recommended criteria for specifying the various elements of a chain link fence for industrial or commercial use 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 *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:

- A 121 Specification for Metallic-Coated Carbon Steel Barbed Wire²
- A 392 Specification for Zinc-Coated Steel Chain-Link Fence Fabric²
- A 491 Specification for Aluminum-Coated Steel Chain-Link Fence Fabric²
- A 824 Specification for Metallic-Coated Steel Marcellled Tension Wire for Use with Chain Link Fence²
- F 552 Terminology Relating to Chain Link Fencing²
- F 567 Practice for Installation of Chain-Link Fence²
- F 626 Specification for Fence Fittings²
- F 668 Specification for Poly(Vinyl Chloride) (PVC)-Coated Steel Chain-Link Fence Fabric²
- F 900 Specification for Industrial and Commercial Swing Gates²
- F 934 Specification for Standard Colors for Polymer Coated Chain Link Fence Materials²
- F 969 Practice for Construction of Chain-Link Tennis Court Fence²
- F 1043 Specification for Strength and Protective Coatings on Metal Industrial Chain Link Fence Framework²

F 1083 Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures²

F 1183 Specification for Aluminum Alloy Chain Link Fence Fabric²

F 1184 Specification for Industrial and Commercial Horizontal Slide Gates²

F 1345 Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Chain Link Fence Fabric²

F 1379 Terminology Relating to Barbed Tape²

F 1664 Specification for Poly (Vinyl Chloride) (PVC)-Coated Steel Tension Wire Used With Chain-Link Fence²

F 1665 Specification for Poly (Vinyl Chloride) (PVC)-Coated Steel Barbed Wire Used With Chain Link Fence²

F 1712 Specification for Steel Chain Link Fencing Materials Used in Detention and Correctional Facilities²

F 1910 Specification for Long Barbed Tape Obstacles²

F 1911 Practice for Installation of Barbed Tape²

F 2000 Guide for Fences for Ballfields and Other Sports Facilities²

F 2049 Guide for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas²

2.2 CSI Standard:³

Master Format

3. Terminology

3.1 *Definitions*—See Terminology F 552 for definitions of terms relating to chain link fencing. See Terminology F 1379 for definitions of terms relating to barbed tape.

4. Summary of Practice

4.1 Many standard specifications for chain link fence are presently in existence. These include, but are not limited to, specifications of the federal, state, and municipal governments and their various agencies, as well as trade groups and organizations. Most of these specifications either reference existing ASTM standards or are duplications of some of these standards. This guide references only existing ASTM standards for this reason, since these standards encompass most standard components of a typical chain link fence installation.

4.2 A large percentage of construction specifiers use MasterFormat, a publication of the Construction Specifications Institute (CSI) for writing their project specifications. MasterFormat is divided into 16 divisions, and chain link fence is

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 *Annual Book of ASTM Standards*, Vol 01.06.

³ Available from Construction Specifications Institute, 601 Madison St., Alexandria, VA 22314-1791.