



Standard Practice for Construction of Chain-Link Tennis Court Fence¹

This standard is issued under the fixed designation F 969; 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 practice covers fencing around tennis courts, built from various types of chain-link fabric and framework materials, and installation practices for same.

1.2 *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 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 Marcellised Tension Wire for Use with Chain-Link Fence²

F 552 Definitions of Terms 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 1043 Specification for Strength and Protective Coatings on Metal Industrial Chain Link Framework²

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

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

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

3. Terminology

3.1 Definitions—See Definitions F 552 for definitions of terms used in this practice.

¹ This practice is under the jurisdiction of ASTM Committee F-14 on Fences and is the direct responsibility of Subcommittee F14.10 on Specific Applications.

Current edition approved November 10, 1996. Published December 1997. Originally published as F 969 – 86. Last previous edition F 969 – 92.

² Annual Book of ASTM Standards, Vol 01.06.

4. Summary of Practice

4.1 This practice is intended primarily to guide those responsible for or concerned with the design and installation of chain-link fencing around tennis courts.

4.2 This practice does not intend to preclude any practice that has proven equal to or given better performance under varying conditions such as location, weather, intended use, etc.

5. Significance and Use

5.1 The intended use of this practice is for 10- or 12-ft high chain-link fencing as complete enclosures around single or multiple tennis courts, or as backstops at either end of tennis courts.

5.2 This practice is not intended for applications where fencing higher than 12 ft is desired for a special application.

5.3 *Caution Regarding Windscreens*—If wind screens are to be installed at the time of fence erection or at a later time, it is advisable to use stronger framework and parts and closer spacing of posts or back bracing depending upon the type of screening material to be used, area of fence to be covered, and local wind conditions.

6. Classification

6.1 The four types of chain-link fencing described in this practice are classified as follows:

6.1.1 *Type I*—Built with aluminum-coated steel chain-link fence fabric as specified in Specification A 491.

6.1.2 *Type II*—Built with zinc-coated steel chain-link fence fabric as specified in Specification A 392, Class 1 coating only.

6.1.3 *Type III*—Built with zinc-5% aluminum-mischmetal alloy-coated steel chain-link fence fabric as specified in Specification F 1345, in a choice of Class 1 or Class 2 coating, as selected.

6.1.4 *Type IV*—Built with poly(vinyl chloride) (PVC)-coated steel chain-link fence fabric as specified in Specification F 668, in a choice of Class 1, Class 2a, or Class 2b coating, as selected.

7. Ordering Information

7.1 Purchase orders, construction specifications, or detailed drawings should include the following information:

7.1.1 Quantity or total measurements in lineal feet of fence and gates.

7.1.2 Type of fence (Type I, II, III or IV) (see 6.1).