



Designation: A 817 – 003

Standard Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcelled Tension Wire¹

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1. Scope*

1.1 This specification covers metallic-coated carbon steel wire used in the manufacture of chain-link fence fabric and marcelled tension wire. Three types of coatings are covered:

1.1.1 *Type I*—Aluminum-coated (aluminized),

1.1.2 *Type II*—Zinc-coated (galvanized), and

1.1.3 *Type III*—Zinc-5 % Aluminum-Mischmetal (Zn-5Al-MM) alloy-coated.

1.2 The chain-link fabric woven from wire in this specification is covered separately by Specifications A 491 for Type I, A 392 for Type II, and F 1345 for Type III.

1.3 The marcelled tension wire manufactured from wire in this specification is covered separately in Specifications A 824 and F 1664.

1.4 This specification does not cover the wire used for Specification A 392 when the chain-link fence producer applies the coating after the weaving process.

1.5 The values stated in inch-pound units are to be regarded as the standard. The values given in ~~parentheses~~ brackets are provided for information only.

2. Referenced Documents

2.1 *ASTM Standards:*

A 90/A 90M Test Method for Weight [Mass] of Coating on Iron or Steel Articles with Zinc and Zinc-Alloy Coatings²

¹ This specification is under the jurisdiction of ASTM Committee A05 on Metallic-Coated Iron and Steel Products and is the direct responsibility of Subcommittee A05.12 on Wire Specifications.

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*A Summary of Changes section appears at the end of this standard.