



Designation: A 886/A 886M – 9902

Standard Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete¹

This standard is issued under the fixed designation A 886/A 886M; 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 specification covers seven-wire uncoated, indented, stress-relieved steel strand for use in pretensioned prestressed concrete construction. Grade 250I and Grade 270I have minimum ultimate strengths of 250 ksi [1725 MPa] and 270 ksi [1860 MPa], respectively, based on the nominal area of the strand.

1.2 Supplement I describes low-relaxation strand and relaxation testing for that product. Low-relaxation strand shall be furnished when specifically ordered and furnished in place of stress-relieved strand if mutually agreed to by the purchaser and supplier.

1.3 This specification is applicable for orders in either inch-pound units (as Specification A 886) or in SI units (as Specification A 886M).

1.4 The values stated in either inch-pound units or SI units are to be regarded separately as standards. Within the text, the inch-pound units are shown in parentheses. The values stated in each system are not exact equivalents; therefore, each system must be used independently of the other. Combining values from the two systems may result in nonconformance with the specification.

2. Referenced Documents

2.1 *ASTM Standards:*

A 370 Test Methods and Definitions for Mechanical Testing of Steel Products²

¹ This specification is under the jurisdiction of ASTM Committee A01 on Steel, Stainless Steel, and Related Alloys and is the direct responsibility of Subcommittee A01.05 on Steel Reinforcement.

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