



Designation: A 882/A882M – 04a

## Standard Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand<sup>1</sup>

This standard is issued under the fixed designation A 882/A882M; 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 ASTM Specification A 416 low-relaxation Grade 250 and Grade 270 seven-wire prestressing steel strand with protective fusion-bonded epoxy coating applied by the electrostatic deposition method or other method that will meet the coating requirements in Section 8, and, except as allowed by 1.2, with the interstices of the seven wires filled with epoxy to minimize migration of corrosive media, either by capillary action or other hydrostatic forces.

NOTE 1—The manufacturer as identified throughout this specification is the coating applicator.

1.2 Upon special request by the purchaser, the interstices are left unfilled.

NOTE 2—Unfilled strand can corrode from the inside and its application for prestressing tendons in concrete or for rock and soil anchors is not recommended.

1.3 This specification is applicable for orders in either inch-pound units (as Specification A 882) or SI units [as Specification A 882M].

1.4 The values stated in either inch-pound or SI units are to be regarded as standard. Within the test, the SI units are shown in brackets. The values stated in each system must be used independently of the other. Combining values from the two systems may result in nonconformance with this specification.

<sup>1</sup> 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.