

## ASTM Volume 03.07, April 2025

A348/A348M-05(2021) Standard Test Method for Alternating Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 100 to 10 000 Hz and 25-cm Epstein Frame

A721/A721M-02(2021) Standard Test Method for Ductility of Oriented Electrical Steel

A720/A720M-02(2021) Standard Test Method for Ductility of Nonoriented Electrical Steel

A801-21 Standard Specification for Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650)

A596/A596M-21 Standard Test Method for Direct-Current Magnetic Properties of Materials Using the Point by Point (Ballistic) Method and Ring Specimens

A753-21 Standard Specification for Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080)

A342/A342M-21 Standard Test Methods for Permeability of Weakly Magnetic Materials

A773/A773M-21 Standard Test Method for Direct Current Magnetic Properties of Low Coercivity Magnetic Materials Using Hysteresigraphs

A848-17 Standard Specification for Low-Carbon Magnetic Iron

A876-17e1 Standard Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed Types

A976-18 Standard Classification of Insulating Coatings for Electrical Steels by Composition, Relative Insulating Ability and Application

A726-18 Standard Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types

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A345-19 Standard Specification for Flat-Rolled Electrical Steels for Magnetic Applications

A937/A937M-12(2019) Standard Test Method for Determining Interlaminar Resistance of Insulating Coatings Using Two Adjacent Test Surfaces

A912/A912M-11(2019) Standard Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Toroidal Specimens

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A932/A932M-01(2019) Standard Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Sheet Specimens

A719/A719M-14(2019) Standard Test Method for Lamination Factor of Magnetic Materials

A1013-00(2020) Standard Test Method for High-Frequency (10 kHz-1 MHz) Core Loss of Soft Magnetic Core Components at Controlled Temperatures Using the Voltmeter-Ammeter-Wattmeter Method

A889/A889M-14(2020) Standard Test Method for Alternating-Current Magnetic Properties of Materials at Low Magnetic Flux Density Using the Voltmeter-Ammeter-Wattmeter-Varmeter Method and 25-cm Epstein Frame

A977/A977M-07(2020) Standard Test Method for Magnetic Properties of High-Coercivity Permanent Magnet Materials Using Hysteresisgraphs

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A698/A698M-20 Standard Test Method for Magnetic Shield Efficiency in Attenuating Alternating Magnetic Fields

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A1086-20 Standard Specification for Thin-Gauge Nonoriented Electrical Steel Fully Processed Types

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A804/A804M-04(2021) Standard Test Methods for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Sheet-Type Test Specimens

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A811-15(2022) Standard Specification for Soft Magnetic Iron Parts Fabricated by Powder Metallurgy Techniques

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A839-15(2023) Standard Specification for Iron-Phosphorus Powder Metallurgy Parts for Soft Magnetic Applications

A1126-23 Standard Specification for Magnetic Pure Iron

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A677-16(2023) Standard Specification for Nonoriented Electrical Steel Fully Processed Types

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A1101-23 Standard Specification for Sintered and Fully Dense Neodymium Iron Boron (NdFeB) Permanent Magnets

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A867-24 Standard Specification for Iron-Silicon Relay Steels

A697/A697M-13(2024) Standard Test Method for Alternating Current Magnetic Properties of Laminated Core Specimen Using Voltmeter-Ammeter-Wattmeter Methods

A1009-18(2024)e1 Standard Specification for Soft Magnetic MnZn Ferrite Core Materials for Transformer and Inductor Applications

A901-24 Standard Specification for Amorphous Magnetic Core Alloys, Semi-Processed Types

A900/A900M-24 Standard Test Method for Lamination Factor of Amorphous Magnetic Strip