

# ASTM Volume 01.06, February 2018

## Coated Steel Products

### Table of Contents

A90/A90M-13 Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings

A111-99a(2014) Standard Specification for Zinc-Coated (Galvanized) “Iron” Telephone and Telegraph Line Wire

A116-11(2016) Standard Specification for Metallic-Coated, Steel-Woven Wire Fence Fabric

A121-13(2017) Standard Specification for Metallic-Coated Carbon Steel Barbed Wire

A123/A123M-17 Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

A143/A143M-07(2014) Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement

A153/A153M-16a Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

A239-14 Standard Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles

A363-03(2014) Standard Specification for Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand

A384/A384M-07(2013) Standard Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies

A385/A385M-17 Standard Practice for Providing High-Quality Zinc Coatings (Hot-Dip)

A390-06(2016) Standard Specification for Zinc-Coated (Galvanized) Steel Poultry Fence Fabric (Hexagonal and Straight Line)

A392-11a(2017) Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric

A411-08(2017) Standard Specification for Zinc-Coated (Galvanized) Low-Carbon Steel Armor Wire

A428/A428M-10(2014) Standard Test Method for Weight [Mass] of Coating on Aluminum-Coated Iron or Steel Articles

A459-08(2013) Standard Specification for Zinc-Coated Flat Steel Armoring Tape

A460-11(2016) Standard Specification for Copper-Clad Steel Wire Strand

A463/A463M-15 Standard Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process

A474-03(2017) Standard Specification for Aluminum-Coated Steel Wire Strand

A475-03(2014) Standard Specification for Zinc-Coated Steel Wire Strand

A491-11(2017) Standard Specification for Aluminum-Coated Steel Chain-Link Fence Fabric

A586-04a(2014) Standard Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand

A599/A599M-07(2017) Standard Specification for Tin Mill Products, Electrolytic Tin-Coated, Cold-Rolled Sheet

A603-98(2014) Standard Specification for Zinc-Coated Steel Structural Wire Rope

A623M-16 Standard Specification for Tin Mill Products, General Requirements [Metric]

A623-16 Standard Specification for Tin Mill Products, General Requirements

A624/A624M-13 Standard Specification for Tin Mill Products, Electrolytic Tin Plate, Single Reduced

A625/A625M-13 Standard Specification for Tin Mill Products, Black Plate, Single-Reduced

A626/A626M-16 Standard Specification for Tin Mill Products, Electrolytic Tin Plate, Double Reduced

A630-16ae1 Standard Test Methods for Determination of Tin Coating Weights for Electrolytic Tin Plate

A640-97(2014) Standard Specification for Zinc-Coated Steel Strand for Messenger Support of Figure 8 Cable

A641/A641M-09a(2014) Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire

A650/A650M-13 Standard Specification for Tin Mill Products, Black Plate, Double Reduced

A653/A653M-17 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

A657/A657M-13 Standard Specification for Tin Mill Products, Black Plate Electrolytic Chromium-Coated, Single and Double Reduced

A740-98(2014) Standard Specification for Hardware Cloth (Woven or Welded Galvanized Steel Wire Fabric)

A741-11(2016) Standard Specification for Metallic-Coated Steel Wire Rope and Fittings for Highway Guardrail

A742/A742M-13 Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe

A754/A754M-11(2016) Standard Test Method for Coating Weight (Mass) of Metallic Coatings on Steel by X-Ray Fluorescence

A755/A755M-16e1 Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products

A760/A760M-15 Standard Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains

A761/A761M-17 Standard Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches

A762/A762M-15 Standard Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains

A764-07(2017) Standard Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs

A780/A780M-09(2015) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings

A792/A792M-10(2015) Standard Specification for Steel Sheet, 55 % Aluminum-Zinc Alloy-Coated by the Hot-Dip Process

A796/A796M-17a Standard Practice for Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications

A798/A798M-13 Standard Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications

A807/A807M-13 Standard Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications

A809-08(2017) Standard Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire

A810-01(2014) Standard Specification for Zinc-Coated (Galvanized) Steel Pipe Winding Mesh

A817-12(2017) Standard Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcellled Tension Wire

A818-06(2016) Standard Specification for Coppered Carbon Steel Wire

A824-01(2017) Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence

A849-15 Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe

A854/A854M-08(2017) Standard Specification for Metallic-Coated Steel Smooth High-Tensile Fence and Trellis Wire

A855/A855M-03(2014) Standard Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Wire Strand

A856/A856M-03(2014) Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire

A862/A862M-98(2014) Standard Practice for Application of Asphalt Coatings to Corrugated Steel Sewer and Drainage Pipe

A875/A875M-13 Standard Specification for Steel Sheet, Zinc-5 % Aluminum Alloy-Coated by the Hot-Dip Process

A879/A879M-12(2017) Standard Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface

A896/A896M-09(2014) Standard Practice for Conducting Case Studies on

## Galvanized Structures

A902-17a Standard Terminology Relating to Metallic Coated Steel Products

A917-08(2015) Standard Specification for Steel Sheet, Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface (General Requirements)

A918-06(2011) Standard Specification for Steel Sheet, Zinc-Nickel Alloy Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface

A924/A924M-17a Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process

A925-03(2014) Standard Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Overhead Ground Wire Strand

A929/A929M-17 Standard Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe

A930-09(2014) Standard Practice for Life-Cycle Cost Analysis of Corrugated Metal Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits

A964/A964M-17 Standard Specification for Corrugated Steel Box Culverts

A974-97(2016) Standard Specification for Welded Wire Fabric Gabions and Gabion Mattresses (Metallic-Coated or Polyvinyl Chloride (PVC) Coated)

A975-11(2016) Standard Specification for Double-Twisted Hexagonal Mesh Gabions and Revet Mattresses (Metallic-Coated Steel Wire or Metallic-Coated Steel Wire With Poly(Vinyl Chloride) (PVC) Coating)

A978/A978M-08(2013) Standard Specification for Composite Ribbed Steel Pipe, Precoated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications

A979/A979M-03(2014)e1 Standard Specification for Concrete Pavements and Linings Installed in Corrugated Steel Structures in the Field

A987/A987M-09(2014) Standard Practice for Measuring Shape Characteristics of Tin Mill Products

A998/A998M-12 Standard Practice for Structural Design of Reinforcements for Fittings in Factory-Made Corrugated Steel Pipe for Sewers and Other Applications

A1003/A1003M-15 Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members

A1004/A1004M-99(2014) Standard Practice for Establishing Conformance to the Minimum Expected Corrosion Characteristics of Metallic, Painted-Metallic, and Nonmetallic-Coated Steel Sheet Intended for Use as Cold Formed Framing Members

A1030/A1030M-16 Standard Practice for Measuring Flatness Characteristics of Steel Sheet Products

A1046/A1046M-17a Standard Specification for Steel Sheet, Zinc-Aluminum-Magnesium Alloy-Coated by the Hot-Dip Process

A1057/A1057M-08(2014) Standard Specification for Steel, Structural Tubing, Cold Formed, Welded, Carbon, Zinc-Coated (Galvanized) by the Hot-Dip Process

A1059/A1059M-08(2013) Standard Specification for Zinc Alloy Thermo-Diffusion Coatings (TDC) on Steel Fasteners, Hardware, and Other Products

A1063/A1063M-17 Standard Specification for Steel Sheet, Twin-Roll Cast, Zinc-Coated (Galvanized) by the Hot-Dip Process

A1068-10(2015) Standard Practice for Life-Cycle Cost Analysis of Corrosion Protection Systems on Iron and Steel Products

A1072/A1072M-11(2015) Standard Specification for Zinc-5 % Aluminum (Hot-Dip) Coatings on Iron and Steel Products

A1073/A1073M-17 Standard Practice for Using Hand Micrometers to Measure the Thickness of Uncoated Steel Sheet and Nonmetallic and Metallic-Coated Steel Sheet

A1074-11(2015) Standard Specification for Hot Tin and Hot Tin/Lead Dip on Ferrous and Non-Ferrous Metals

A1079-17 Standard Specification for Steel Sheet, Complex Phase (CP), Dual Phase (DP) and Transformation Induced Plasticity (TRIP), Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

A1087/A1087M-16 Standard Practice for Using Hand Calipers to Measure the Width of Steel Sheet

A1093/A1093M-15 Standard Specification for Electrolytic Plasma Treatment Processing of Conductive Materials

F552-14 Standard Terminology Relating to Chain Link Fencing

F567-14a Standard Practice for Installation of Chain-Link Fence

F626-14 Standard Specification for Fence Fittings

F654-07(2017) Standard Specification for Residential Chain Link Fence Gates

F668-17 Standard Specification for Polyvinyl Chloride (PVC), Polyolefin and Other Polymer-Coated Steel Chain Link Fence Fabric

F900-11(2017) Standard Specification for Industrial and Commercial Steel Swing Gates

F934-96(2017) Standard Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials

F964-13 Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Exterior Profiles Used for Fencing and Railing

F969-11(2016) Standard Practice for Construction of Chain-Link Tennis Court Fence

F1043-17a Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework

F1083-16 Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures

F1183-96(2017) Standard Specification for Aluminum Alloy Chain Link Fence Fabric

F1184-16 Standard Specification for Industrial and Commercial Horizontal Slide Gates

F1345-10a(2015) Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Steel Chain-Link Fence Fabric

F1379-95(2013) Standard Terminology Relating to Barbed Tape

F1553-11(2017) Standard Guide for Specifying Chain Link Fence

F1664-08(2013) Standard Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence

F1665-08(2013) Standard Specification for Poly(Vinyl Chloride) (PVC) and Other

Conforming Organic Polymer-Coated Steel Barbed Wire Used With Chain-Link Fence

F1908-08(2013) Standard Guide for Fences for Residential Outdoor Swimming Pools, Hot Tubs, and Spas

F1910-98(2013) Standard Specification for Long Barbed Tape Obstacles

F1911-05(2015) Standard Practice for Installation of Barbed Tape

F1999-14 Standard Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Fence Systems

F2000-10 Standard Guide for Fences for Baseball and Softball Fields

F2049-11(2017) Standard Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas

F2200-17 Standard Specification for Automated Vehicular Gate Construction

F2408-16 Standard Specification for Ornamental Fences Employing Galvanized Steel Tubular Pickets

F2409-10(2016) Standard Guide for Fences for Non-Residential Outdoor Swimming Pools, Hot Tubs, and Spas

F2453/F2453M-14 Standard Specification for Welded Wire Mesh Fence Fabric (Metallic-Coated or Polymer Coated) for Meshes of 6 in.<sup>2</sup> [3871 mm<sup>2</sup>] or Less, in Panels or Rolls, with Uniform Meshes

F2548-12 Standard Specification for Expanded Metal Fence Systems for Security Purposes

F2589-16 Standard Specification for Ornamental Fences Employing Steel Tubular Pickets

F2611-15 Standard Guide for Design and Construction of Chain Link Security Fencing

F2630-14 Standard Guide for Self-Closing/Self-Latching General-Purpose Gates

F2698-08(2013) Standard Guide for Fences for Above-Ground and In-ground Skate Park Facilities

F2699-08(2013) Standard Guide for Fences for Commercial and Public Outdoor Water Spray/Play Areas

F2780-09(2014) Standard Guide for Design and Construction of Expanded Metal Security Fences and Barriers

F2781-15 Standard Practice for Testing Forced Entry, Ballistic and Low Impact Resistance of Security Fence Systems

F2814-09(2015) Standard Guide for Design and Construction of Ornamental Steel Picket Fence Systems for Security Purposes

F2919/F2919M-12 Standard Specification for Welded Wire Mesh Fence Fabric (Metallic-Coated or Polymer Coated) with Variable Mesh Patterns or Meshes Greater than 6 in. <sup>2</sup> [3871 mm <sup>2</sup>] in Panels

F2957-13 Standard Specification for Ornamental Aluminum Fence Systems

F3000/F3000M-13 Standard Specification for Polymer Privacy Insert Slats for Chain Link Fabric and Privacy Chain Link Fabric Manufactured Containing Pre-Installed Privacy Slats

F3151-17 Standard Specification for Driven Steel Post Drive Anchor System

F3204-16 Standard Guide for Design and Construction of Welded Wire Fence Systems for Security Purposes