Individuals, companies and agencies around the world use ASTM publications. ASTM documents are incorporated into contracts by purchasers and sellers. Engineers, architects and designers incorporate them in their plans. Government agencies incorporate them by reference into codes, regulations and laws. And, many other organizations and industries refer to ASTM publications for guidance.

Types of Data
The Collection includes active specification documents, test methods, classifications, practices and guides. These documents describe the characteristics and performance of materials, systems, products and services.

The following types of publications are not included in the ASTM Publications Collection:
- Historical Documents
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- Books, Handbooks, and Journals (Data Series, Manuals, Monographs and Special Technical Publications)
- Volumes (the standards that make up each ASTM Volume are included as individual documents; however, the compiled Volume is not)
- ASTM DS 56 – Unified Numbering System (UNS) for Metals and Alloys

The ASTM Publications Collection is also available in nine sections outlined below, allowing you to subscribe to the collection or only those sections you frequently need to reference.

METALS SECTION
Product No. 411

These metal product specifications cover items such as: carbon steels; zinc coated (galvanized) steels; stainless and heat resisting steels; pressure vessel steels; alloy steels; copper; brass; aluminum; bronzes; nickel; aluminum alloys; titanium and alloys; tantalum and alloys; and lead and alloys.
Includes the following sections from the *Annual Book of ASTM Standards*:

**Section 1, Volumes 1-8**
- 01.01 Steel – Piping, Tubing, Fittings
- 01.02 Ferrous Castings; Ferroalloys
- 01.03 Steel – Plate, Sheet, Strip, Wire; Stainless Steel Bar
- 01.04 Steel – Structural, Reinforcing, Pressure Vessel, Railway
- 01.05 Steel – Bars, Forgings, Bearing, Chain, Springs
- 01.06 Coated Steel Products
- 01.07 Ships and Marine Technology
- 01.08 Fasteners; Rolling Element Bearings

**Section 2, Volumes 1-5**
- 02.01 Copper and Copper Alloys
- 02.02 Aluminum and Magnesium Alloys
- 02.03 Electrical Conductors
- 02.05 Metallic and Inorganic Coatings; Metal Powders, Sintered P/M Structural Parts

**Section 3, Volumes 1-6**
- 03.01 Metals – Mechanical Testing; Elevated and Low-Temperature Tests; Metallography
- 03.02 Wear and Erosion; Metal Corrosion
- 03.03 Nondestructive Testing
- 03.04 Magnetic Properties
- 03.05 Analytical Chemistry for Metals, Ores, and Related Materials
- 03.06 Molecular Spectroscopy; Surface Analysis

**Section 15, Volume 8**
- 15.08 Sensory Evaluation; Livestock, Meat, and Poultry Evaluation Systems; Vacuum Cleaners; Security Systems and Equipment; Detention and Correctional Facilities; Food Service Equipment; Homeland Security Applications

**CONSTRUCTION SECTION**

Product No. 412

The ASTM construction product specifications cover items such as: clay pipe; concrete sewer and drain pipe; refractory brick; plasters; concrete and aggregates; lime and limestone; building brick; wallboards; glass and glass products; insulating board; stone; ceramic materials; road materials; waterproofing materials; roofing materials; paper and paper products; adhesives; and wood and wood products

Includes the following sections from the *Annual Book of ASTM Standards*:

**Section 4, Volumes 1-13**
- 04.01 Cement; Lime; Gypsum
- 04.02 Concrete and Aggregates
- 04.03 Road and Paving Materials; Vehicle-Pavement Systems
- 04.04 Roofing and Waterproofing
- 04.05 Chemical-Resistant Nonmetallic Materials; Vitrified Clay Pipe; Concrete Pipe; Fiber-Reinforced Cement Products; Mortars and Grouts; Masonry; Precast Concrete
- 04.06 Thermal Insulation; Environmental Acoustics
- 04.07 Building Seals and Sealants; Fire Standards; Dimension Stone
- 04.08 Soil and Rock (I)
- 04.09 Soil and Rock (II)
- 04.10 Wood
- 04.11 Building Constructions (I)
- 04.12 Building Constructions (II); Property Management Systems; Technology and Underground Utilities
- 04.13 Geosynthetics

**Section 15, Volumes 1, 2, 6 & 9**
- 15.01 Refractories, Activated Carbon; Advanced Ceramics
- 15.02 Glass; Ceramic Whitewares
- 15.06 Adhesives
- 15.09 Paper; Packaging; Flexible Barrier Materials; Business Imaging Products
PAINTS SECTION
Product No. 413

These paint product specifications cover topics such as: pigments analysis; linseed oil paint analysis; linseed oil; solvents and chemicals used in paints; shellac varnishes; rosins; metallic zinc powders; liquid paint driers; traffic paints; lacquers; lead in paints; and water in paints.

Includes the following sections from the *Annual Book of ASTM Standards*:

Section 6, Volumes 1-4
- 06.01 Paint – Tests for Chemical, Physical, and Optical Properties; Appearance
- 06.02 Paint – Products and Applications; Protective Coatings; Pipeline Coatings
- 06.03 Paint – Pigments, Drying Oils, Polymers, Resins, Naval Stores, Cellulosic Esters, and Ink Vehicles
- 06.04 Paint – Solvents; Aromatic Hydrocarbons

PETROLEUM PRODUCTS SECTION
Product No. 414

These petroleum product specifications cover topics such as: saponification numbers; sulfur content; distillation methods; chlorine content; aviation fuels; lubricating oils and greases; natural gas sampling; measurement tables; lead content; water content; liquefied gases; petroleum waxes; vapor pressures; and knock characteristics.

Includes the following sections from the *Annual Book of ASTM Standards*:

Section 5, Volumes 1-6
- 05.01 Petroleum Products and Lubricants (I)
- 05.02 Petroleum Products and Lubricants (II)
- 05.03 Petroleum Products and Lubricants (III)
- 05.04 Petroleum Products and Lubricants (IV)
- 05.05 Test Methods for Rating Motor, Diesel, and Aviation Fuels; Catalysts; Manufactured Carbon and Graphite Products
- 05.06 Gaseous Fuels; Coal and Coke Security Applications

PLASTICS SECTION
Product No. 415

These plastic product specifications cover items such as: thermosetting resins; electrical insulating materials; refraction indexes; load testing; molding compounds; specific gravity and density; plasticizers; epoxy resins; polyvinyl chloride (PVC); sampling practices; plastic laminates; and plastic films.

Includes the following sections from the *Annual Book of ASTM Standards*:

Section 8, Volumes 1-4
- 08.01 Plastics (I)
- 08.02 Plastics (II)
- 08.03 Plastics (III)
- 08.04 Plastic Pipe and Building Products

TEXTILES SECTION
Product No. 416

These textile related documents cover topics such as: tensile testing machines; fiber identification; asbestos roving; felt testing; glass fiber yarns; quantitative analysis; tire cord and fabric; wool content tests; stiffness of fabrics; sampling cotton fibers; zippers; alpaca; pile floor coverings; backing fabrics; apparel fabrics; glass yarns; upholstery fabrics; textile testing methods; thermal protective performance; and flame resistant materials.

Includes the following sections from the *Annual Book of ASTM Standards*:

Section 7, Volumes 1-2
- 07.01 Textiles (I)
- 07.02 Textiles (II)

RUBBER & ELECTRIC INSULATING MATERIALS SECTION
Product No. 417

These rubber and electrical insulating materials specifications cover items such as: rubber insulating tapes; matting; laminated thermosetting materials; coated fabrics; ceramic materials; silicone fluids; insulating oils; insulating papers; wire and cable insulation; rubber hose; insulating board; insulating varnishes; ruby laser rods; and vehicle tires.
Includes the following sections from the *Annual Book of ASTM Standards*:

**Section 9, Volumes 1-2**
- 09.01 Rubber, Natural and Synthetic – General Test Methods; Carbon Black
- 09.02 Rubber Products, Industrial – Specifications and Related Test Methods; Gaskets; Tires

**Section 10, Volumes 1-4**
- 10.01 Electrical Insulation (I)
- 10.02 Electrical Insulation (II)
- 10.03 Electrical Insulating Liquids and Gases; Electrical Protective Equipment
- 10.04 Electronics; Declarable

**GENERAL TEST METHODS SECTION**
Product No. 418

These general test method specifications cover topics such as: deuterium oxide testing; wire-cloth sieve testing; calibration of liquid in glass thermometers; evaluation of mass spectrometers; microscopy; uranium testing; calibration of thermocouples; determining fast-neutron flux density; infrared microanalysis; food and beverage testing; laboratory weights and precision mass standards; evaluating solar absorptive materials; laboratory accreditation systems; metals for surgical implants; testing vacuum cleaners; testing sporting good protective devices; and testing plastic films.

Includes the following sections from the *Annual Book of ASTM Standards*:

**Section 12, Volumes 1-2**
- 12.01 Nuclear Energy (I)
- 12.02 Nuclear Energy (II), Solar and Geothermal Energy

**Section 13, Volumes 1-2**
- 13.01 Medical and Surgical Materials and Devices; Anesthetic and Respiratory Equipment; Pharmaceutical Application of Process Analytical Technology
- 13.02 Emergency Medical Services; Search and Rescue

**Section 14, Volumes 1-4**
- 14.01 Healthcare Informatics
- 14.02 General Test Methods; Forensic Psychophysics; Forensic Sciences; Terminology;

- Conformity Assessment; Statistical Methods; Nanotechnology
- 14.03 Temperature Measurement
- 14.04 Laboratory Apparatus; Degradation of Materials; SI; Oxygen Fire Safety

**Section 15, Volumes 3, 4 & 7**
- 15.03 Space Simulation; Aerospace and Aircraft; Composite Materials
- 15.04 Soaps and Other Detergents; Polishes; Leather; Resilient Floor Coverings
- 15.07 Sports Equipment and Facilities; Pedestrian Walkway; Safety and Footwear; Amusement Rides and Devices; Consumer Products; Snow Skiing; Light Sport Aircraft; Unmanned Air Vehicle Systems; Normal and Utility Category Airplane Electrical Wiring Systems

**MISCELLANEOUS SECTION**
Product No. 419

These documents cover items such as: test methods for coal and coke; test methods for soaps and soap products; analysis of water; analysis of engine coolants; analysis of air; and testing amusement rides and devices.

Includes the following sections from the *Annual Book of ASTM Standards*:

**Section 11, Volumes 1-6**
- 11.01 Water (I)
- 11.02 Water (II)
- 11.03 Atmospheric Analysis; Occupational Health and Safety; Protective Clothing
- 11.04 Waste Management
- 11.05 Pesticides; Environmental Assessment; Hazardous Substances and Oil Spill Responses
- 11.06 Biological Effects and Environmental Fate; Biotechnology

**Section 15, Volume 5**
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