

ASTM	
<b>ASTM D1002</b>	Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
<b>ASTM D1004</b>	Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting
<b>ASTM D1424</b>	Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus
<b>ASTM D1708</b>	Standard Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens
<b>ASTM D1709</b>	Standard Test Method for Impact Resistance of Plastic Film by the Free-Falling Dart Method.
<b>ASTM D1876</b>	Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
<b>ASTM D1894</b>	Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
<b>ASTM D1922</b>	Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method
<b>ASTM D1938</b>	Standard Test Method for Tear-Propagation Resistance (Trouser Tear) of Plastic Film and Thin Sheeting by a Single-Tear Method
<b>ASTM D2463</b>	Standard Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers (Procedure A - Static Drop Height Method, Procedure B - Bruce-ton Staircase)
<b>ASTM D2659</b>	Standard Test Method for Column Crush Properties of Blown Thermoplastic Containers
<b>ASTM D3163</b>	Standard Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Loading
<b>ASTM D3164</b>	Standard Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading
<b>ASTM D3330</b>	Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape
<b>ASTM D3332</b>	Standard Test Methods for Mechanical-Shock Fragility of Products, Using Shock Machines
<b>ASTM D3420</b>	Standard Test Method for Pendulum Impact Resistance of Plastic Film
<b>ASTM D3580</b>	Standard Test Methods for Vibration (Vertical Linear Motion) Test of Products
<b>ASTM D3759</b>	Standard Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape
<b>ASTM D3763</b>	Standard Test Method for High Speed Puncture Properties of Plastics Using Load and Displacement Sensors
<b>ASTM D412</b>	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
<b>ASTM D5034</b>	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
<b>ASTM D5035</b>	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Strip Test)
<b>ASTM D5264</b>	Standard Practice for Abrasion Resistance of Printed Materials by the Sutherland Rub Tester
<b>ASTM D5420</b>	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
<b>ASTM D5628</b>	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Falling Dart (Tup or Falling Mass)
<b>ASTM D5868</b>	Standard Test Method for Lap Shear Adhesion for Fiber Reinforced Plastic (FRP) Bonding
<b>ASTM D618</b>	Standard Practice for Conditioning Plastics for Testing Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
<b>ASTM D624</b>	Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
<b>ASTM D6272</b>	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials by Four-Point Bending
<b>ASTM D638</b>	Standard Test Method for Tensile Properties of Plastic
<b>ASTM D6862</b>	Standard Test Method for 90 Degree Peel Resistance of Adhesives
<b>ASTM D695</b>	Standard Test Method for Compressive Properties of Rigid Plastics
<b>ASTM D7192</b>	Standard Test Method for High Speed Puncture Properties of Plastic Films Using Load and Displacement Sensors
<b>ASTM D732</b>	Standard Test Method for Shear Strength of Plastics by Punch Tool



<b>ASTM D751</b>	Standard Test Methods for Coated Fabrics
<b>ASTM D790</b>	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
<b>ASTM D880</b>	Standard Test Method for Impact Testing for Shipping Containers and Systems
<b>ASTM D882</b>	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
<b>ASTM D903</b>	Standard Test Method for Peel or Stripping Strength of Adhesive Bonds
<b>ASTM E96</b>	Standard Test Methods for Water Vapor Transmission of Materials
<b>ASTM F1306</b>	Standard Test Method for Slow Rate Penetration Resistance of Flexible Barrier Films and Laminates
<b>ASTM F1929</b>	Standard Test Method for Detecting Seal Leaks in Porous Medical Packaging by Dye Penetration
<b>ASTM F2051</b>	Standard Specification for Implantable Saline Filled Breast Prosthesis
<b>ASTM F2132</b>	Standard Specification for Puncture Resistance of Materials Used in Containers for Discarded Medical
<b>ASTM F2824</b>	Standard Test Method for Mechanical Seal Strength Testing for Round Cups and Bowl Containers with Flexible Peelable Lid
<b>ASTM F2878</b>	Standard Test Method for Protective Clothing Material Resistance to Hypodermic Needle Puncture
<b>ASTM F88</b>	Standard Test Method for Seal Strength of Flexible Barrier Materials
<b>ISO</b>	
<b>ISO 37</b>	Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain
<b>ISO 178</b>	Plastics - Determination of flexural properties
<b>ISO 291</b>	Plastics - Standard atmospheres for conditioning and testing
<b>ISO 594-2</b>	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 2: Lock fittings
<b>ISO 594-1</b>	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment – Part 1: General requirements
<b>ISO 1135-5</b>	Transfusion equipment for medical use-Part 5:Transfusion sets for single use with pressure infusion apparatus
<b>ISO 1135-4</b>	Transfusion equipment for medical use- Part 4: Transfusion sets for single use, gravity feed
<b>ISO 5636-5</b>	Paper and board - Determination of air permeance and air resistance (medium range)
<b>ISO 6383-2</b>	Plastics - Film and sheeting - Determination of tear resistance - Part 2: Elmendorf method
<b>ISO 7864</b>	Sterile hypodermic needles for single use
<b>ISO 7886-4</b>	Sterile hypodermic syringes for single use - Part 4: Syringes with re-use prevention feature.
<b>ISO 7886-3</b>	Sterile hypodermic syringes for single use - Part 3: Auto-disable syringes for fixed-dose immunization.
<b>ISO 7886-2</b>	Sterile hypodermic syringes for single use - Part 2: Syringes for use with power-driven syringe pumps.
<b>ISO 7886-1</b>	Sterile hypodermic syringes for single use - Part 1: Syringes for manual use.
<b>ISO 8536-12</b>	Infusion equipment for medical use - Part 12: Check valves
<b>ISO 8536-11</b>	Infusion equipment for medical use - Part 11: Infusion filters for single use with pressure infusion equipment
<b>ISO 8536-10</b>	Infusion equipment for medical use - Part 10: Accessories for fluid lines for single use with pressure infusion equipment
<b>ISO 8536-9</b>	Infusion equipment for medical use - Part 9: Fluid lines for single use with pressure infusion equipment
<b>ISO 8536-8</b>	Infusion equipment for medical use - Part 8: Infusion sets for single use with pressure infusion equipment
<b>ISO 8536-7</b>	Infusion equipment for medical use - Part 7: Caps made of aluminum-plastics combinations for infusion bottle
<b>ISO 8536-6</b>	Infusion equipment for medical use - Part 6: Freeze drying closures for infusion bottles
<b>ISO 8536-5</b>	Infusion equipment for medical use - Part 5: Burette infusion sets for single use, gravity feed
<b>ISO 8536-4</b>	Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed
<b>ISO 8536-3</b>	Infusion equipment for medical use - Part 3: Aluminum caps for infusion bottles
<b>ISO 8536-2</b>	Infusion equipment for medical use - Part 2: Closures for infusion bottles

# PRODUCT & MATERIAL TESTING BY STANDARD



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ISO 8536-1	Infusion equipment for medical use - Part 1: Infusion glass bottles
ISO 8537	Sterile single-use syringes, with or without needle, for insulin
ISO 9626	Stainless steel needle tubing for manufacture of medical devices
ISO 10555-6	Intravascular catheters - Sterile and single-use catheters - Part 6: Subcutaneous implanted ports
ISO 10555-5	Intravascular catheters - Sterile and single-use catheters - Part 5: Over-needle peripheral catheters
ISO 10555-4	Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation catheters
ISO 10555-3	Intravascular catheters - Sterile and single-use catheters - Part 3: Central venous catheters
ISO 10555-1	Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements
ISO 11040-8	Prefilled syringes – Part 8: Requirements and test methods for finished prefilled syringes
ISO 11040-6	Prefilled syringes - Part 6: Plastic barrels for injectables
ISO 11040-4	Prefilled syringes - Part 4: Glass barrels for injectables and sterilized sub assembled syringes ready for filling
ISO 11070	Sterile single-use intravascular catheter introducers
ISO 11608-3	Needle-based injection systems for medical use – Requirements and test methods – Part 3: Finished containers
ISO 11608-2	Needle-based injection systems for medical use - Part 2: Needles
ISO 11608-1	Needle-based injection systems for medical use - Part 1: Needle-based injection systems
ISO 23907	Sharps injury protection- Requirements and test methods –Sharps Containers
ISO 23908	Sharps injury protection - Requirements and test methods - Sharps protection features for single-use hypodermic needles, introducers for catheters and needles used for blood sampling
ISO 80369-20	Small-bore connectors for liquids and gases in healthcare applications- Part 20:Common test methods
ISO 80369-7	Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications
ISO 80369-6	Small-bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications
ISO 80369-5	Small-bore connectors for liquids and gases in healthcare applications -Part 5:Connectors for limb cuff inflation applications
ISO 80369-3	Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications
ISO 80369-1	Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements
<b>BS EN</b>	
BS EN 1615	Enteral feeding catheters and enteral giving sets for single use and their connectors - Design and testing
BS EN 1616	Sterile urethral catheters for single use
BS EN 1617	Sterile drainage catheters and accessory devices for single use
BS EN 1618	Catheters other than intravascular catheters - Test methods for common properties
BS EN 1707	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment. Lock fittings.
BS EN 20594-1	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment. General requirements.
<b>IEC</b>	
IEC 60601-2-2	Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories
IEC 60529	Degrees of protection provided by enclosures (IP Code)
<b>JIS T</b>	
JIS T 3201	Glass Syringes
JIS T 3209	Sterile injection needle
JIS T 3214	Urethral catheters



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<b>JIS T 3222</b>	Sterile winged intravenous devices
<b>JIS T 3223</b>	Sterile, single-use intravascular catheters over-needle peripheral catheters
<b>JIS T 3224</b>	Sterile syringe filter
<b>JIS T 3228</b>	Biopsy needles for single use
<b>TAPPI</b>	
<b>TAPPI T 410</b>	Grammage of paper and paperboard
<b>TAPPI T 411</b>	Thickness (Caliper) of Paper, Paperboard and Combined Board
<b>TAPPI T 414</b>	Internal Tearing resistance of Paper (Elmendorf)
<b>TAPPI T 460</b>	Air Resistance of Paper (Gurley)
<b>TAPPI T 494</b>	Tensile Properties of Paper and Paperboard
<b>TAPPI T 807</b>	Bursting Strength of Paperboard and Linerboard
<b>TAPPI T 810</b>	Bursting Strength of Corrugated and Solid Fiberboard
<b>TAPPI T 811</b>	Edgewise Compressive Strength of Corrugated Fiberboard (short column test)
<b>TAPPI T 839</b>	Edgewise Compressive Strength of Corrugated Fiberboard using the Clamp Method
<b>USP</b>	
<b>USP Suture Monograph</b>	Suture Length
<b>USP &lt;861&gt;</b>	Suture Diameter
<b>USP &lt;871&gt;</b>	Suture Needle Attachment
<b>USP &lt;881&gt;</b>	Suture Tensile Strength



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California Location	
ISO	
ISO 80369-1	Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements
ISO 80369-6	Small-bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications
ISO 80369-7	Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications
ISO 23908	Sharps injury protection - Requirements and test methods - Sharps protection features for single-use hypodermic needles, introducers for catheters and needles used for blood sampling
ISO 11608-1	hypodermic needles, introducers for catheters and needles used for blood sampling
ISO 11608-2	Needle-based injection systems for medical use - Part 1: Needle-based injection systems
ISO 11070	Needle-based injection systems for medical use - Part 2: Needles
ISO 11040-4	Sterile single-use intravascular catheter introducers
ISO 11040-8	Prefilled syringes - Part 4: Glass barrels for injectables and sterilized sub assembled syringes ready for filling
ISO 10555-1	Prefilled syringes – Part 8: Requirements and test methods for finished prefilled syringes
ISO 10555-2	Intravascular catheters - Sterile and single-use catheters - Part 1: General requirements
ISO 10555-3	Intravascular catheters - Sterile and single-use catheters - Part 3: Central venous catheters
ISO 10555-4	Intravascular catheters - Sterile and single-use catheters - Part 4: Balloon dilatation catheters
ISO 10555-5	Intravascular catheters - Sterile and single-use catheters - Part 5: Over-needle peripheral catheters
ISO 10555-6	Intravascular catheters - Sterile and single-use catheters - Part 6: Subcutaneous implanted ports
ISO 9626	Stainless steel needle tubing for manufacture of medical devices
ISO 8536-4	Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed
ISO 8536-8	Infusion equipment for medical use - Part 8: Infusion sets for single use with pressure infusion equipment
ISO 8536-12	Infusion equipment for medical use - Part 12: Check valves
ISO 7886-1	Sterile hypodermic syringes for single use - Part 1: Syringes for manual use.
ISO 7864	Sterile hypodermic needles for single use