



Catheters	
ASTM F623	Standard Performance Specification for Foley Catheter
ISO 10555-1	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 11070	Sterile single-use intravascular catheter introducers
ISO 594-1	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements
ISO 594-2	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 2: Lock fittings
ISO 23908	Sharps injury protection - Requirements and test methods - Sharps protection features for single-use
BS EN1707	hypodermic needles, introducers for catheters and needles used for blood sampling
BS EN20594-1	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment. Lock fittings.
BS EN1615	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment. General requirements
BS EN1616	Enteral feeding catheters and enteral giving sets for single use and their connectors - Design and testing
BS EN1617	Sterile urethral catheters for single use
BS EN1618	Sterile drainage catheters and accessory devices for single use
DIN EN13868	Catheters other than intravascular catheters - Test methods for common properties
JIS T3223	Test methods for kinking of single lumen catheters and medical tubing
JIS T3214	Sterile, single-use intravascular catheters over-needle peripheral catheters
ASTM D412	Urethral catheters
Needles	
ASTM F2132	Standard Specification for Puncture Resistance of Materials Used in Containers for Discarded Medical Needles and Other Sharps
ASTM F2878	Standard Test Method for Protective Clothing Material Resistance to Hypodermic Needle Puncture
ISO 7864	Sterile hypodermic needles for single use
ISO 9626	Stainless steel needle tubing for manufacture of medical devices
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 594-1	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements
ISO 594-2	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 2: Lock fittings
BS EN1707	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment. Lock fittings
BS EN20594-1	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment. General requirements
JIS T3228	Biopsy needles for single use
JIS T3222	Sterile winged intravenous devices
JIS T3209	Sterile injection needle



Thermoplastic Containers	
ASTM 2463	Standard Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers (Procedure A – Static Drop Height Method, Procedure B - Bruceon Staircase Method)
ASTM 2659	Standard Test Method for Column Crush Properties of Blown Thermoplastic Containers
Fabrics/Tyvek	
ASTM D751	Standard Test Methods for Coated Fabrics
ASTM 1424	Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus
ASTM 5034	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM 5035	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Strip Test)
ASTM 2878	Standard Test Method for Protective Clothing Material Resistance to Hypodermic Needle Puncture
Plastic Films	
ASTM D618	Standard Practice for Conditioning Plastics for Testing
ASTM D638	Standard Test Method for Tensile Properties of Plastic
ASTM D882	Standard Test Method for Tensile Properties of Thin Plastic Sheeting
ASTM 1004	Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting
ASTM 1708	Standard Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens
ASTM 1709	Standard Test Method for Impact Resistance of Plastic Film by the Free-Falling Dart Method.
ASTM 1894	Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
ASTM 1922	Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method
ASTM 1938	Standard Test Method for Tear-Propagation Resistance (Trousers Tear) of Plastic Film and Thin Sheeting by a Single Tear Method
ASTM 3420	Standard Test Method for Pendulum Impact Resistance of Plastic Film
ASTM 1306	Standard Test Method for Slow Rate Penetration Resistance of Flexible Barrier Films and Laminates
ISO 5636-5	Paper and board - Determination of air permeance and air resistance (medium range)
ISO 6383-2	Plastics - Film and sheeting - Determination of tear resistance - Part 2: Elmendorf method
Rigid Plastics	
ASTM D618	Standard Practice for Conditioning Plastics for Testing
ASTM D638	Standard Test Method for Tensile Properties of Plastic
ASTM D695	Standard Test Method for Compressive Properties of Rigid Plastics
ASTM D732	Standard Test Method for Shear Strength of Plastics by Punch Tool
ASTM D790	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D1708	Standard Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens
ASTM D5628	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Falling Dart (Tup or Falling Mass)
ASTM D6272	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials by Four-Point Bending
ISO 178	Plastics - Determination of flexural properties
ISO 291	Plastics - Standard atmospheres for conditioning and testing
Rubber/ Elastomers	
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
ASTM D624	Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM F2051	Standard Specification for Implantable Saline Filled Breast Prosthesis
ISO 37	Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties



Adhesives	
ASTM D903	Standard Test Method for Peel or Stripping Strength of Adhesive Bonds
ASTM D1002	Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
ASTM D1876	Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
ASTM D3163	Standard Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Load-ing
ASTM D3164	Standard Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading
ASTM D3330	Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape
ASTM D3759	Standard Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape
ASTM D5868	Standard Test Method for Lap Shear Adhesion for Fiber Reinforced Plastic (FRP) Bonding
ASTM D6862	Standard Test Method for 90 Degree Peel Resistance of Adhesives
ASTM F88	Standard Test Method for Seal Strength of Flexible Barrier Materials
ASTM F2824	Standard Test Method for Mechanical Seal Strength Testing for Round Cups and Bowl Containers with Flexible Peelable Lids
Luer/ Small Bore Connectors	
ISO 594-1	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements
ISO 594-2	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 2: Lock fittings
ISO 80369-1	Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements
ISO 80369-3	Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications
ISO 80369-5	Small-bore connectors for liquids and gases in healthcare applications-Part 5: Connectors for limb cuff inflation applications
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 80369-20	Small-bore connectors for liquids and gases in healthcare applications- Part 20: Common test methods
BS EN1707	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment. Lock fittings.
BS EN20594-1	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment. General requirements.
Syringes and Injectors	
ISO 594-1	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements
ISO594-2	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 2: Lock fittings
ISO 7886-1	Sterile hypodermic syringes for single use - Part 1: Syringes for manual use
ISO 7886-2	Sterile hypodermic syringes for single use - Part 2: Syringes for use with power-driven syringe pumps.
ISO 7886-3	Sterile hypodermic syringes for single use - Part 3: Auto-disable syringes for fixed-dose immunization
ISO 7886-4	Sterile hypodermic syringes for single use - Part 4: Syringes with re-use prevention feature
ISO 8537	Sterile single-use syringes, with or without needle, for insulin
ISO 11040-4	Prefilled syringes - Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling
ISO 11040-6	Prefilled syringes - Part 6: Plastic barrels for injectables
ISO 11040-8	Prefilled syringes- Part 8: Requirements and test methods for finished prefilled syringes
ISO 11608-1	Needle-based injection systems for medical use - Part 1: Needle-based injection systems
ISO 11608-2	Needle-based injection systems for medical use - Part 2: Needles
ISO 11608-3	Needle-based injection systems for medical use- Requirements and test methods-Part 3: Finished containers
BS EN1707	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment. Lock fittings.



BS EN20594-1	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment. General requirements.
JIS T3201	Glass Syringes
Infusion Equipment and Sets	
ISO 8536-1	Infusion equipment for medical use - Part 1: Infusion glass bottles
ISO 8536-2	Infusion equipment for medical use - Part 2: Closures for infusion bottles
ISO 8536-3	Infusion equipment for medical use - Part 3: Aluminum caps for infusion bottles
ISO 8536-4	Infusion equipment for medical use - Part 4: Infusion sets for single use, gravity feed
ISO 8536-5	Infusion equipment for medical use - Part 5: Burette infusion sets for single use, gravity feed
ISO 8536-6	Infusion equipment for medical use - Part 6: Freeze drying closures for infusion bottles
ISO 8536-7	Infusion equipment for medical use - Part 7: Caps made of aluminum-plastics combinations for infusion bottles
ISO 8536-8	Infusion equipment for medical use - Part 8: Infusion sets for single use with pressure infusion equipment
ISO 8536-9	Infusion equipment for medical use - Part 9: Fluid lines for single use with pressure infusion equipment
ISO 8536-10	Infusion equipment for medical use - Part 10: Accessories for fluid lines for single use with pressure infusion equipment
ISO 8536-11	Infusion equipment for medical use - Part 11: Infusion filters for single use with pressure infusion equipment
ISO 8536-12	Infusion equipment for medical use - Part 12: Check valves
ISO 1135-4	Transfusion equipment for medical use- Part 4: Transfusion sets for single use, gravity feed
ISO 1135-5	Transfusion equipment for medical use- Part 5: Transfusion sets for single use with pressure infusion apparatus
Fiberboard	
TAPPI T807	Bursting Strength of Paperboard and Linerboard
TAPPI T810	Bursting Strength of Corrugated and Solid Fiberboard
TAPPI T811	Edgewise Compressive Strength of Corrugated Fiberboard (short column test)
TAPPI T839	Edgewise Compressive Strength of Corrugated Fiberboard using the Clamp Method
Paper Products	
TAPPI T410	Grammage of paper and paperboard
TAPPI T411	Thickness (Caliper) of Paper, Paperboard and Combined Board
TAPPI T414	Internal Tearing resistance of Paper (Elmendorf)
TAPPI T460	Air Resistance of Paper (Gurley)
TAPPI T494	Tensile Properties of Paper and Paperboard
TAPPI T807	Bursting Strength of Paperboard and Linerboard
ISO 5636-5	Paper and board - Determination of air permeance and air resistance (medium range)
Other	
ASTM D880	Standard Test Method for Impact Testing for Shipping Containers and Systems
ASTM D3332	Standard Test Methods for Mechanical-Shock Fragility of Products, Using Shock Machines
ASTM D3580	Standard Test Methods for Vibration (Vertical Linear Motion) Test of Products
ASTM D5264	Standard Practice for Abrasion Resistance of Printed Materials by the Sutherland Rub Tester
ASTM E96	Standard Test Methods for Water Vapor Transmission of Materials
ASTM F1929	Standard Test Method for Detecting Seal Leaks in Porous Medical Packaging by Dye Penetration
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)
JIS T3224	Sterile syringe filter

PRODUCT & MATERIAL TESTING BY PRODUCT



DDL

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USP Suture Monograph	Suture Length
USP<861>	Suture Diameter
USP<871>	Suture Needle Attachment
USP<881>	Suture Tensile Strength