

รายการมาตรฐาน The International Organization for Standardization (ISO) สำหรับผลิตภัณฑ์ยางที่สำคัญ

ผลิตภัณฑ์ยางล้อ

เลขที่มาตรฐาน	ชื่อมาตรฐาน
มาตรฐานทั่วไป: ยางล้อพาหนะ วาล์ว และยางใน	
ISO 10191:2021	Passenger car tyres -- Verifying tyre capabilities -- Laboratory test methods
ISO 16992:2018	Passenger car tyres -- Spare unit substitutive equipment (SUSE)
ISO 3877-1:1997	Tyres, valves and tubes -- List of equivalent terms -- Part 1: Tyres
ISO 3877-2:1997	Tyres, valves and tubes -- List of equivalent terms -- Part 2: Tyre valves
ISO 3877-3:1978	Tyres, valves and tubes -- List of equivalent terms -- Part 3: Tubes
ISO 3877-4:1984	Tyres, valves and tubes -- List of equivalent terms -- Part 4: Solid tyres
ISO 4000-1:2021	Passenger car tyres and rims -- Part 1: Tyres (metric series)
ISO 4000-2:2013	Passenger car tyres and rims -- Part 2: Rims
ISO 4209-1:2001	Truck and bus tyres and rims (metric series) -- Part 1: Tyres
ISO 4209-2:2020	Truck and bus tyres and rims (metric series) -- Part 2: Rims
ISO 4223-1:2017	Definitions of some terms used in the tyre industry -- Part 1: Pneumatic tyres
ISO 4223-2:1991	Definitions of some terms used in the tyre industry -- Part 2: Solid tyres
ISO 9413:2019	Tyre valves — Dimensions and designation
ยางล้อรถยนต์อุตสาหกรรม	
ISO 3739-1:2007	Industrial tyres and rims -- Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims -- Designation, dimensions and marking
ISO 3739-2:2021	Industrial tyres and rims -- Part 2: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims -- Load ratings
ISO 3739-3:2008	Industrial tyres and rims -- Part 3: Rims
ISO 10499-1:2019	Industrial tyres and rims -- Rubber solid tyres (metric series) for pneumatic tyre rims -- Part 1: Designation, dimensions and marking
ISO 10499-2:1998	Industrial tyres and rims -- Rubber solid tyres (metric series) for pneumatic tyre rims -- Part 2: Load ratings
ISO 11795:2018/CD Amd 1	Agricultural tractor drive wheel tyres -- Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference
ISO 18804:2021	Rims for agricultural, forestry and construction machines
ISO 18885-3:2019	TPMS snap-in valves — Part 3: Performances
ISO 18807:2019	Tyres and rims for logging and forestry service

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 18808:2021	Agricultural tyres for construction machines
ยางล้อรถยนต์สำหรับรถตักขนาดใหญ่	
ISO 4250-1:2017	Earth-mover tyres and rims -- Part 1: Tyre designation and dimensions
ISO 4250-2:2017	Earth-mover tyres and rims -- Part 2: Loads and inflation pressures
ISO 4250-3:2020	Earth-mover tyres and rims -- Part 3: Rims
ISO 4251-1:2019	Tyres (ply rating marked series) and rims for agricultural tractors and machines -- Part 1: Tyre designation and dimensions, and approved rim contours
ISO 4251-2:2019	Tyres (ply rating marked series) and rims for agricultural tractors and machines -- Part 2: Tyre load ratings
ISO 4251-4:2010	Tyres (ply rating marked series) and rims for agricultural tractors and machines -- Part 4: Tyre classification and nomenclature
ISO 4251-5:1992	Tyres (ply rating marked series) and rims for agricultural tractors and machines -- Part 5: Logging and forestry service tyres
ยางและวงล้อรถจักรยานยนต์	
ISO 4249-1:1985	Motorcycle tyres and rims (code-designated series) – Part 1: Tyres
ISO 4249-2:1990	Motorcycle tyres and rims (code-designated series) – Part 2: Tyre load rating
ISO 4249-3:2010	Motorcycle tyres and rims (code-designated series) – Part 3: Rims
ISO 5751-1:2010	Motorcycle tyres and rims (metric series) – Part 1: Design guides
ISO 5751-2:2010	Motorcycle tyres and rims (metric series) – Part 2: Tyre dimensions and load-carrying capacities
ISO 5751-3:2010	Motorcycle tyres and rims (metric series) – Part 3: Range and approved rim contours
ISO 5775-1:2014	Bicycle tyres and rims -- Part 1: Tyre designations and dimensions
ISO 5775-2:2021	Bicycle tyres and rims -- Part 2: Rims
ISO 6054-1:1994	Motorcycle tyres and rims (Code-designated series) -- Diameter codes 4 to 12 -- Part 1: Tyres
ISO 6054-2:1990	Motorcycle tyres and rims (Code-designated series) -- Diameter codes 4 to 12 -- Part 2: Rims
มาตรฐานการวัด	
ISO 7867-1:2018	Tyres and rims (metric series) for agricultural tractors and machines -- Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination
ISO 7867-2:2018	Metric series for agricultural, forestry machines and construction tyres -- Part 2: Load ratings for agricultural tyres
ISO 9112:2008	Truck and bus tyres -- Methods of measuring tyre rolling circumference -- Loaded new tyres
ISO/TR 29846:2008	Tyres, valves and tubes -- kPa/psi equivalencies for inflation pressures

เลขที่มาตรฐาน	ชื่อมาตรฐาน
มาตรฐานการทดสอบประสิทธิภาพทางกล: การทดสอบทั่วไป	
ISO 37:2017	Rubber, vulcanized or thermoplastic -- Determination of tensile stress-strain properties
ISO 188:2011	Rubber, vulcanized or thermoplastic -- Accelerated ageing and heat resistance tests
ISO 13325:2003	Tyres -- Coast-by methods for measurement of tyre-to-road sound emission
ISO 13326:1998	Test methods for measuring tyre uniformity
ISO 18164:2005	Passenger car, truck, bus and motorcycle tyres -- Methods of measuring rolling resistance
ISO 21750:2006	Road vehicles -- Safety enhancement in conjunction with tyre inflation pressure monitoring
ISO 28580:2018	Passenger car, truck and bus tyre rolling resistance measurement method -- Single point test and correlation of measurement results
มาตรฐานการทดสอบประสิทธิภาพทางกล: ยางสำหรับรถจักรยานยนต์	
ISO 10231:2003/Amd 1:2015	Motorcycle tyres – Test methods for verifying tyre capabilities
ISO 13328:2000	Motorcycle tyres – Measurement of tyre rolling circumference – Loaded new tyres
มาตรฐานการทดสอบประสิทธิภาพทางกล: ยางสำหรับรถบรรทุกและรถบัส	
ISO 10454:1993	Truck and bus tyres -- Verifying tyre capabilities -- Laboratory test methods
ISO 15222:2011	Truck and bus tyres -- Method for measuring relative wet grip performance -- Loaded new tyres
ISO 16392:2017	Tyres -- Electrical resistance -- Test method for measuring electrical resistance of tyres on a test rig
ISO 15222:2021	Truck and bus tyres — Method for measuring relative wet grip performance — Loaded new tyres
ISO 19447:2021	Passenger car tyres — Method for measuring ice grip performance — Loaded new tyres
ISO 23671:2021	Passenger car tyres — Method for measuring relative wet grip performance — Loaded new tyres

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เลขที่มาตรฐาน	ชื่อมาตรฐาน
มาตรฐานทดสอบทางเคมี	
ISO 124:2014	Latex, rubber -- Determination of total solids content
ISO 125:2020	Natural rubber latex concentrate – Determination of alkalinity
ISO 126:2005	Natural rubber latex concentrate – Determination of dry rubber content
ISO 127:2018	Rubber, natural latex concentrate -- Determination of KOH number

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 506:2020	Rubber latex, natural, concentrate – Determination of volatile fatty acid number
ISO 706:2004	Rubber latex – Determination of coagulum content (sieve residue)
ISO 12243:2003/ Amd 1: 2012	Medical gloves made from natural rubber latex -- Determination of water-extractable protein using the modified Lowry method
ISO 21171:2006	Medical gloves – Determination of removable surface powder
มาตรฐานการทดสอบทางกล	
ISO 25518:2009	Single-use rubber gloves for general applications -- Specification
ISO 25518:2021	Single-use rubber gloves for general applications — Specification
มาตรฐานที่เกี่ยวข้อง: มาตรฐานทั่วไป	
ISO 11193-1:2020	Single-use medical examination gloves -- Part 1: Specification for gloves made from rubber latex or rubber solution
ISO 11193-2:2020	Single-use medical examination gloves -- Part 2: Specification for gloves made from poly(vinyl chloride)
ISO 15223-1:2016	Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements
ISO 15223-2:2010	Medical devices -- Symbols to be used with medical device labels, labelling, and information to be supplied -- Part 2: Symbol development, selection and validation
ISO 2859-1:1999	Sampling procedures for inspection by attributes - Part 1 : Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
มาตรฐานการทดสอบทางกายภาพ	
ISO 35:2004	Natural rubber latex concentrate – Determination of mechanical stability
ISO 37:2017	Rubber, vulcanized or thermoplastic -- Determination of tensile stress-strain properties
ISO 123:2001	Rubber latex -- sampling
ISO 188:2011	Rubber, vulcanized or thermoplastic -- Accelerated ageing and heat resistance tests
ISO 498:1992	Natural rubber latex concentrate – Preparation of dry films
ISO 705:2015	Rubber latex -- Determination of density between 5 degrees C and 40 degrees C
ISO 976:2013	Rubber and plastics -- Polymer dispersions and rubber latices -- Determination of pH
ISO 4648:1991	Rubber, vulcanized or thermoplastic - Determination of dimensions of test pieces and products for test purposes
ISO/TR 24699:2009 ISO 25518:2009	Rubber and rubber products – Environmental aspects – general guidelines for their inclusion in standards
มาตรฐานการทดสอบทางชีวภาพ	
ISO 10282:2014	Single-use sterile rubber surgical gloves -- Specification
ISO 10993-1:2018	Biological evaluation of medical devices -- Part 1: Evaluation and testing within a risk management process

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 10993-4:2017	Biological evaluation of medical devices -- Part 4: Selection of tests for interactions with blood
ISO 10993-6:2016	Biological evaluation of medical devices -- Part 6: Tests for local effects after implantation
ISO 10993-9:2019	Biological evaluation of medical devices -- Part 9: Framework for identification and quantification of potential degradation products
ISO 10993-10:2010	Biological evaluation of medical devices -- Part 10: Tests for irritation and skin sensitization
ISO 10993-11:2017	Biological evaluation of medical devices -- Part 11: Tests for systemic toxicity
ISO 10993-12:2021	Biological evaluation of medical devices -- Part 12: Sample preparation and reference materials
ISO 10993-13:2010	Biological evaluation of medical devices -- Part 13: Identification and quantification of degradation products from polymeric medical devices
ISO 10993-18:2020	Biological evaluation of medical devices -- Part 18: Chemical characterization of materials

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เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 2321:2017	Rubber threads -- Methods of test
ISO 20058:2017	General purpose rubber thread — specification

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เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 4074:2015	Natural rubber latex male condoms -- Requirements and test methods
ISO 16037:2002	Rubber condoms for clinical trials -- Measurement of physical properties
ISO 16038:2017	Male condoms -- Guidance on the use of ISO 4074 and ISO 23409 in the quality management of condoms
ISO 23409:2011	Male condoms -- Requirements and test methods for condoms made from synthetic materials
ISO 29941:2010	Condoms -- Determination of nitrosamines migrating from natural rubber latex condoms
ISO 25841:2017/ AMD 1:2020	Female condoms — requirements and test methods — amendment 1

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เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 1307:2006	Rubber and plastics hoses -- Hose sizes, minimum and maximum inside diameters, and tolerances on cut-to-length hoses
ISO 1401:2016	Rubber hoses for agricultural spraying
ISO 1402:2021	Rubber and plastics hoses and hose assemblies — Hydrostatic testing
ISO 1403:2019	Rubber hoses, textile-reinforced, for general-purpose water applications -- Specification
ISO 1436:2020	Rubber hoses and hose assemblies -- Wire-braid-reinforced hydraulic types for oil-based or water-based fluids -- Specification
ISO 1746:1998	Rubber or plastics hoses and tubing -- Bending tests
ISO 1823:2015	Rubber hose and hose assemblies for oil suction and discharge service -- Specification
ISO 1825:2017	Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling -- Specification
ISO 2398:2016	Rubber hoses, textile-reinforced, for compressed air -- Specification
ISO 2928:2021	Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa) -- Specification
ISO 2929:2014	Rubber hoses and hose assemblies for bulk fuel delivery by truck -- Specification
ISO 3821:2008	Gas welding equipment -- Rubber hoses for welding, cutting and allied processes
ISO 3861:2021	Rubber hoses for sand and grit blasting -- Specification
ISO 3862:2020	Rubber hoses and hose assemblies -- Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids -- Specification
ISO 3949:2020	Plastics hoses and hose assemblies — Textile-reinforced types for hydraulic applications — Specification
ISO 4023:2009	Rubber hoses and hose assemblies for steam -- Test methods
ISO 4079:2020	Rubber hoses and hose assemblies -- Textile-reinforced hydraulic types for oil-based or water-based fluids -- Specification
ISO 4080:2009	Rubber and plastics hoses and hose assemblies -- Determination of permeability to gas
ISO 4081:2016	Rubber hoses and tubing for cooling systems for internal-combustion engines -- Specification
ISO 4641:2016	Rubber hoses and hose assemblies for water suction and discharge -- Specification
ISO 4642-1:2015	Rubber and plastics hoses, non-collapsible, for fire-fighting service -- Part 1: Semi-rigid hoses for fixed systems
ISO 4642-2:2015	Rubber and plastics hoses, non-collapsible, for fire-fighting service -- Part 2: Semi-rigid hoses (and hose assemblies) for pumps and vehicles

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 4671:2007	Rubber and plastics hoses and hose assemblies -- Methods of measurement the dimensions of hoses and the lengths of hose assemblies
ISO 4672:1997	Rubber and plastics hoses -- Sub-ambient temperature flexibility tests
ISO 5771:2008	Rubber hoses and hose assemblies for transferring anhydrous ammonia -- Specification
ISO 5772:2015	Rubber and plastic hoses and hose assemblies for measured fuel dispensing systems -- Specification
ISO 6134:2017	Rubber hoses and hose assemblies for saturated steam -- Specification
ISO 6801:1983	Rubber or plastics hoses -- Determination of volumetric expansion
ISO 6802:2018	Rubber or plastics hoses and hose assemblies -- Hydraulic impulse test with flexing
ISO 6803:2017	Rubber or plastics hoses and hose assemblies -- Hydraulic-pressure impulse test without flexing
ISO 6804:2016	Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers -- Specification
ISO 6805:2020	Rubber hoses and hose assemblies for underground mining -- Wire-reinforced hydraulic types for coal mining -- Specification
ISO 6806:2017	Rubber hoses and hose assemblies for use in oil burners -- Specification
ISO 6807:2003	Rubber hoses and hose assemblies for rotary drilling and vibration applications -- Specification
ISO 7233:2021	Rubber and plastics hoses and hose assemblies -- Determination of resistance to vacuum
ISO 7326:2016	Rubber and plastics hoses -- Assessment of ozone resistance under static conditions
ISO 7662:1988	Rubber and plastics hoses -- Determination of abrasion of lining
ISO 7751:2016	Rubber and plastics hoses and hose assemblies -- Ratios of proof and burst pressure to maximum working pressure
ISO 8028:2017	Rubber and/or plastics hoses and hose assemblies for airless paint spraying -- Specification
ISO 8030:2014	Rubber and plastics hoses -- Method of test for flammability
ISO 8031:2020	Rubber and plastics hoses and hose assemblies -- Determination of electrical resistance and conductivity
ISO 8032:1997	Rubber and plastics hose assemblies -- Flexing combined with hydraulic impulse test (halfomega test)
ISO 8033:2016	Rubber and plastics hoses -- Determination of adhesion between components
ISO 8066-2:2001	Rubber and plastics hoses and hose assemblies for automotive air conditioning -- Specification -- Part 2: Refrigerant 134a

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 8066-3:2020	Rubber and plastics hoses and hose assemblies for automotive air conditioning — Specification — Part 3: Refrigerant 1234yf
ISO 8308:2015	Rubber and plastics hoses and tubing -- Determination of transmission of liquids through hose and tubing walls
ISO 8330:2014	Rubber and plastics hoses and hose assemblies -- Vocabulary
ISO 8331:2016	Rubber and plastics hoses and hose assemblies -- Guidelines for selection, storage, use and maintenance
ISO 8789:2020	Rubber hoses and hose assemblies for liquefied petroleum gas in motor vehicles -- Specification
ISO 10619-2:2021	Rubber and plastics hoses and tubing — Measurement of flexibility and stiffness — Part 2: Bending tests at sub-ambient temperatures
ISO 19013-1:2019	Rubber hoses and tubing for fuel circuits for internal combustion engines — Specification — Part 1: Diesel fuels
ISO 10960:2017	Rubber and plastics hoses -- Assessment of ozone resistance under dynamic conditions
ISO 11237:2017	Rubber hoses and hose assemblies -- Compact wire-braid-reinforced hydraulic types for oilbased or water-based fluids -- Specification
ISO 11424:2017	Rubber hoses and tubing for air and vacuum systems for internal-combustion engines -- Specification
ISO 11425:2018	Rubber hoses and hose assemblies for automobile power-steering systems -- Specification
ISO 11759:1999	Rubber hoses and hose assemblies for dispensing liquefied petroleum gases (LPGs) -- Specification
ISO 13363:2016	Rubber and plastics hoses for marine-engine wet-exhaust systems -- Specification
ISO 13774:1998	Rubber and plastics hoses for fuels for internal-combustion engines -- Method of test for flammability
ISO 13775-1:2021	Thermoplastic tubing and hoses for automotive use — Part 1: Non-fuel applications
ISO 14113:2013	Gas welding equipment -- Rubber and plastics hose and hose assemblies for use with industrial gases up to 450 bar (45 MPa)
ISO 14557:2021	Fire-fighting hoses -- Rubber and plastics suction hoses and hose assemblies
ISO 17324:2014	Rubber hoses for automotive turbochargers -- Specification
ISO/TR 17784:2003	Rubber and plastics hoses and hose assemblies -- Guide for use by purchasers, assemblers, installers and operating personnel
ISO 18752:2014	Rubber hoses and hose assemblies -- Wire- or textile-reinforced single-pressure types for hydraulic applications -- Specification

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 19013-1:2005	Rubber hoses and tubing for fuel circuits for internal combustion engines -- Specification -- Part 1: Diesel fuels
ISO 19013-2:2016	Rubber hoses and tubing for fuel circuits for internal combustion engines -- Specification -- Part 2: Gasoline fuels
ISO 23384:2021	Rubber and plastics hoses and hose assemblies, wire or textile reinforced types with working pressure equal or above 70 MPa (700 bar) — Specification
ISO 28017:2018	Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications -- Specification
ISO 28702:2008	Rubber and plastics hoses and tubing -- Textile-reinforced types -- Sub-ambient temperature crush test
ISO 30013:2011	Rubber and plastics hoses -- Methods of exposure to laboratory light sources -- Determination of changes in colour, appearance and other physical properties
ISO 2929:2021	Rubber hoses and hose assemblies for bulk fuel delivery by truck — Specification
ISO 6801:2021	Rubber and plastics hoses — Determination of volumetric expansion
ISO 27126:2021	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals — Specification
ISO 27127:2021	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas — Specification
ISO 4671:2022	Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies
ISO 8330:2022	Rubber and plastics hoses and hose assemblies — Vocabulary
ISO 18752:2022	Rubber hoses and hose assemblies — Wire- or textile-reinforced single-pressure types for hydraulic applications — Specification

ผลิตภัณฑ์สายพาน

เลขที่มาตรฐาน	ชื่อมาตรฐาน
ISO 4195:2012	Conveyor belts with heat-resistant rubber covers -- Heat resistance of covers -- Requirements and test methods
ISO 7622-1:2013	Steel cord conveyor belts -- Longitudinal traction test -- Part 1: Measurement of elongation
ISO 7622-2:2015	Steel cord conveyor belts -- Longitudinal traction test -- Part 2: Measurement of tensile strength

ISO 14890:2013	Conveyor belts -- Specification for rubber or plastics covered conveyor belts of textile construction for general use
ISO 18573:2012	Conveyor belts -- Test atmospheres and conditioning periods
ISO 22721:2007	Conveyor belts -- Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining
ISO 21178:2020	Light conveyor belts — Determination of electrical resistances

- ที่มา:** 1. คู่มือมาตรฐานระบบการจัดการและกฎระเบียบทางการค้าเชิงเทคนิคของประเทศคู่ค้าที่สำคัญสำหรับ
อุตสาหกรรมยางพาราและผลิตภัณฑ์ยาง
2. <https://www.iso.org>