

CERTIFICATE OF ACCREDITATION

This is to attest

HUAK TESTING AND CERTIFICATION (FUJIAN JINJIANG) CO., LTD.

H2-8, BUILDING H, NO. 1826, XIEDU ROAD, CHENDAI TOWN, JINJIANG, 362200, CHINA

Testing Laboratory TL-1240

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date July 7, 2025



International Accreditation Service
Issued under the authority of IAS management

International Accreditation Service, Inc.
3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. I www.iasonline.org

HUAK TESTING AND CERTIFICATION (FUJIAN JINJIANG) CO., LTD.

www.fhuak.com

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Accredited to ISO/IEC 17025:2017

Effective Date July 7, 2025

Leather, Fur and Relate	d Products
ASTM D2209	Standard Test Method for Tensile Strength of Leather
ASTM D2210	Standard Test Method for Grain Crack and Extension of Leather by the Mullen Test1
ASTM D2212	Standard Test Method for Slit Tear Resistance of Leather
ASTM D3884	Standard Guide for Abrasion Resistance of Textile Fabrics (Rotary Platform Abrader Method)
ASTM D6182	Standard Test Method for Flexibility and Adhesion of Finish on Leather
ASTM D7255	Standard Test Method for Abrasion Resistance of Leather (Rotary Platform, Abraser Method)
BS EN ISO 11640	Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing
BS EN ISO 15701	Leather — Tests for colour fastness — Colour fastness to migration into polymeric material
BS EN ISO 17701	Footwear — Test methods for uppers, lining and insocks — Colour migration
BS EN ISO 5402-1	Leather - Physical and mechanical tests - Determination of flex resistance
BS ISO 5470-1	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 1: Taber abrader
DB44/T 1358	Identification of Leather
DB44/T 1359	Identification of Transfer Coating Leather
DIN EN 1392	Adhesives for leather and footwear materials -Solvent-based and dispersion adhesives
DIN EN ISO 11640	Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing
DIN EN ISO 11644	Leather — Test for adhesion of finish
DIN EN ISO 15701	Leather — Tests for colour fastness — Colour fastness to migration into polymeric material
DIN EN ISO 17070	Leather — Chemical tests — Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content
DIN EN ISO 17701	Footwear — Test methods for uppers, lining and insocks — Colour migration
DIN EN ISO 3376	Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation
DIN EN ISO 3377-1	Leather — Physical and mechanical tests — Determination of tear load — Part 1: Single edge tear
DIN EN ISO 3377-2	Leather — Physical and mechanical tests — Determination of tear load — Part 2: Double edge tear

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DIN ISO 5470-1	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 1: Taber abrader
EN ISO 11640	Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing
EN ISO 11644	Leather — Test for adhesion of finish
EN ISO 15701	Leather — Tests for colour fastness — Colour fastness to migration into polymeric material
EN ISO 17701	Footwear — Test methods for uppers, lining and insocks — Colour migration
EN ISO 2589	Leather — Physical and mechanical tests — Determination of thickness
EN ISO 32100	Rubber- or plastics-coated fabrics Physical and mechanical tests Determination of flex resistance by the flexometer method
EN ISO 3376	Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation
EN ISO 3377-1	Leather — Physical and mechanical tests — Determination of tear load — Part 1: Single edge tear
EN ISO 3377-2	Leather — Physical and mechanical tests — Determination of tear load — Part 2: Double edge tear
EN ISO 3379	Leather — Determination of distension and strength of surface (Ball burst method)
EN ISO 5402-1	Leather - Physical and mechanical tests - Determination of flex resistance
EN ISO 5470-1	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 1: Taber abrader
GB/T 16799	Furniture leather
GB/T 19941	Leather and fur-Chemicaltests-Determination of formaldehyde content
GB/T 19941.1	Leather and fur—Determination of formaldehyde content—Part 1: High performance liquid chromatography method
GB/T 19941.2	Leather and fur—Determination of formaldehyde content—Part 2: Colorimetric method
GB/T 19941.3	Leather and fur—Determination of formaldehyde content—Part 3: Formaldehyde emissions
GB/T 19942	Leather and fur—Chemical tests—Determination of banned azo colorants
GB/T 22807	Leather and fur—Chemical tests—Determination of chromium (VI) content:Colorimetric method
GB/T 22808	Leather and fur—Chemical tests—Determination of chlorinated phenols content
GB/T 22866	Leather hardware accessory - Determination of release of nickel
GB/T 22885	Leather — Tests for colour fastness — Colour fastness to water
GB/T 22886	Leather — Tests for colour fastness — Colour fastness to water spotting
GB/T 22930	Leather and fur - Chemical tests - Determination of heavy metal content
GB/T 22930.1	Leather and fur—Chemical determination of metal content—Part 1: Extractable metals
GB/T 22930.2	Leather and fur—Chemical determination of metal content—Part 2: Total metal content
GB/T 22931	Leather and fur - Chemical tests - Determination of plasticizers
GB/T 22932	Leather and fur - Chemical tests - Determination of organotin compounds
GB/T 26702	Leather and fur - Chemical tests - Determination of dimethyl fumarate content
GB/T 30695	Identification of polyvinyl chloride and polyurethane imitation leather
GB/T 33285	Leather and fur—Chemical tests—Determination of nonylphenol and nonylphenol ethoxylates

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GB/T 33392	Leather and fur—Chemical tests—Determination of 4-aminoazobenzene derived from azo colorants
GB/T 38401	Leather and fur—Chemical tests—Determination of dimethyl formamide content
GB/T 38408	Leather—Identification—Method of microscopy
GB/T 38409	Leather—Chemical tests—Determination of N-methyl-2-pyrrolidone (NMP) and
	N-ethyl-2-pyrrolidone (NEP) content
GB/T 3903.42	Footwear — Test methods for uppers, lining and insocks — Colour migration
GB/T 39452	Leather — Test for adhesion of finish
GB/T 4689.20	Leather — Test for adhesion of finish
GB/T 8948	Polyvinyl chloride artificial leather
GB/T 8949	Polyurethane dry-processing artificial leather
GB/T17928	Leather—Physical and mechanical tests—Measurement of stitch tear resistance
GB/T22889	Leather—Physical and mechanical tests—Determination of surface coating
05/122000	thickness
GB/T39368	Leather—Physical and mechanical tests—Determination of flex
02/100000	resistance:Vamp flex method
GB/T40920	Leather—Tests for colour fastness—Colour fastness to cycles of to-and-fro
	rubbing
100 40405	Leather — Chemical determination of chromium (VI) content in leather —
ISO 10195	Thermal pre-ageing of leather and determination of hexavalent chromium
100 44040	Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro
ISO 11640	rubbing
ISO 11641	Leather — Tests for colour fastness — Colour fastness to perspiration
ISO 11642	Leather — Tests for colour fastness — Colour fastness to water
ISO 11643	Leather — Tests for colour fastness — Colour fastness to perspiration
ISO 11644	Leather — Test for adhesion of finish
ISO 15700	Leather — Tests for colour fastness — Colour fastness to water spotting
	Leather — Tests for colour fastness — Colour fastness to migration into
ISO 15701	polymeric material
ISO 15702	Leather — Tests for colour fastness — Colour fastness to machine washing
	Footwear — Critical substances potentially present in footwear and footwear
ISO 16190	components — Test method to quantitatively determine polycyclic aromatic
	hydrocarbons (PAHs) in footwear materials
	Leather — Chemical tests — Determination of tetrachlorophenol-,
ISO 17070	trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and
	pentachlorophenol content
ISO 17072-1	Leather — Chemical determination of metal content — Part 1: Extractable
180 17072-1	metals
100 47070 0	Leather — Chemical determination of metal content — Part 2: Total metal
ISO 17072-2	content
ISO 17075-1	Leather — Chemical determination of chromium (VI) content in leather — Part 1:
130 17075-1	Colorimetric method
ISO 17131	Leather — Identification of leather with microscopy
ISO 17226-1	Leather — Chemical determination of formaldehyde content — Part 1: Method
130 17220-1	using high-performance liquid chromatography
ISO 17006 0	Leather — Chemical determination of formaldehyde content — Part 2: Method
ISO 17226-2	using colorimetric analysis
ISO 17234-1	Leather — Chemical tests for the determination of certain azo colourants in dyed
	leathers — Part 1: Determination of certain aromatic amines derived from azo
	colourants

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ISO 17234-2	Leather — Chemical tests for the determination of certain azo colorants in dyed leathers — Part 2: Determination of 4-aminoazobenzene
ISO 17235	Leather — Physical and mechanical tests — Determination of softness
ISO 17701	Footwear — Test methods for uppers, lining and insocks — Colour migration
ISO 2420	Leather — Physical and mechanical tests — Determination of apparent density and mass per unit area
ISO 2589	Leather — Physical and mechanical tests — Determination of thickness
ISO 32100	Rubber- or plastics-coated fabrics Physical and mechanical tests Determination of flex resistance by the flexometer method
ISO 3376	Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation
ISO 3377-1	Leather — Physical and mechanical tests — Determination of tear load — Part 1: Single edge tear
ISO 3377-2	Leather — Physical and mechanical tests — Determination of tear load — Part 2: Double edge tear
ISO 3379	Leather — Determination of distension and strength of surface (Ball burst method)
ISO 4045	Leather — Chemical tests — Determination of pH and difference figure
ISO 4048	Leather — Chemical tests — Determination of matter soluble in dichloromethane and free fatty acid content
ISO 4684	Leather — Chemical tests — Determination of volatile matter
ISO 5402-1	Leather - Physical and mechanical tests - Determination of flex resistance
ISO 5470-1	Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 1: Taber abrader
QB/T 1268	Leather — Physical and mechanical tests — Determination of thickness
QB/T 1273	Fur — Chemical tests — Determination of volatile matter
QB/T 1276	Fur — Chemical tests — Determination of matter soluble in dichloromethane and free fatty acid content
QB/T 1277	Fur — Chemical tests — Determination of pH
QB/T 1646	Polyurethane synthetic leather
QB/T 2464.23	Leather — Tests for colour fastness — Colour fastness to perspiration
QB/T 2537	Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing
QB/T 2709	Leather — Physical and mechanical tests — Determination of thickness
QB/T 2710	Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation
QB/T 2711	Leather — Physical and mechanical tests — Determination of tear load : Double edge tear
QB/T 2712	Leather- Physical and mechanical tests-Determination of distension and strength of grain— Ball burst test
QB/T 2714	Leather - Physical and mechanical tests - Determination of flex resistance
QB/T 2715	Leather — Physical and mechanical tests — Determination of apparent density
QB/T 2717	Leather — Chemical tests — Determination of volatile matter
QB/T 2718	Leather — Chemical tests — Determination of matter soluble in dichloromethane
QB/T 2724	Leather- Chemical tests-Determination of pH
QB/T 2725	Leather — Determination of odour
QB/T 2726	Leather- Physical and mechanical tests-Determination of abrasion resistance
QB/T 2727	Leather — Tests for colour fastness — Colour fastness to artificial light:xenon art fading lamp test

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Determination of thickness of finished leather products
Leather — Physical and mechanical tests — Determination of tear load: Single
edge tear
Test method for synthetic leather/artificial leather — Resistance to hydrolysis
Test method for synthetic leather/artificial leather — Resistance to yellowing
Test method of artificial leather and synthetic leather —Determination of softness
Test method of artificial leather and synthetic leather — Test of color migration
Test method of artificial leather and synthetic leather — Test of quantitatively determine dimethylformamide
Leather — Tests for colour fastness — Colour fastness to migration into plasticized polyvinyl chloride
Leather Physical and mechanical tests Determination of shrinkage temperature
Polyurethane fascicular microfibre synthetic leather
Tear strength - Baumann method
Colour fastness to water or perspiration (petri-dish method)
pducts
Textiles-Methods for determination of aromatic amine isolated from certain Azo dyes
Colorfastness to Water: Sea
Textiles-Tests for colour fastness-Colour fastness to water
Colorfastness to Heat: Dry (Excluding Pressing)
Colour fastness to perspiration
Colorfastness to Water: Chlorinated Pool
Colorfastness to acids and alkalis
Colorfastness to Crocking:Crockmeter Method
Test Method for pH of the Water-Extract from Wet Prossed Textiles
Standard Test Method for Thickness of Textile Materials
Standard Test Methods for Mass Per Unit Area (Weight) of Fabric
Standard Test Method for Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
Standard Test Method for Bursting Strength of Textiles-Constant-Rate-of-Traverse (CRT) Ball Burst Test
Standard Test Method for Tension and Elongation of Elastic Fabrics (Constant-Rate-of-Extension Type Tensile Testing Machine)
Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)
Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textiles Fabrics: Martindale Pressure Tester Method
Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

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ASTM D5035	Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D5587	Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure
ATCC 116	Colorfastness to Crocking: Rotary Vertical Crockmeter Method
ATCC 16	Lightfastness
BS EN ISO 105-B02	Textiles - Tests for colour fastness
EN 13770	Textiles-Determination of the Abrasion Resistance of Knitted Footwear Garments
EN 1811	Reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin
EN ISO 14362-1	Textiles-Methods for determination of certain aromatic amines derived from azo colorants-Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres
EN ISO 3071	Textiles-Determination of pH of aqueous extract
FZ/T 70010	Test method of dry weight per unit area for knitted fabrics
GB 18401	National general safty technical code for textile
GB 31701	Safety technical code for infants and children textile products
GB/T 12704.1	Textiles - Test method for water-vapour transmission of fabrics - Part 1: Desiccant method
GB/T 17592	Textiles-Determination of the banned azo colourants
GB/T 17593.3	Textiles-Determination of heavy metals-Part 3:Chromium(VI)-Spectrophotometry
GB/T 18414.1	Textiles-Determination of the content of chlorinated phenols-Part 1: Gas chromatography/mass spectrography
GB/T 18886	Textiles-Tests for fastness-Colour fastness to saliva
GB/T 19089	Rubber-or plastics-coated fabrics-Determination of abrasion resistance- Martindale method
GB/T 19976	Textiles-Determination of bursting strength-Steel ball method
GB/T 20385.1	Textiles-Determination of organotin compounds Part 1 : Derivatisation method using GC-MS
GB/T 21196.2	Textiles-determination of the abration resistance of fabrics by the martindale method-part2: determination of specimen breakdown
GB/T 21196.3	Textiles-determination of the abration resistance of fabrics by the martindale method-part3:determination of mass loss
GB/T 21196.4	Textiles-determination of the abration resistance of fabrics by the martindale method-part4:assessment of appearance change
GB/T 28189	Textiles-Determination of polycyclic aromatic hydrocarbons
GB/T 28190	Textiles-Determination of dimethyl fumarate
GB/T 2912.1	Textiles-Determination of formaldehyde-Part 1: Free and hydrolyzed formaldehyde (water extraction method)

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GB/T 29778	Textiles-Tests for colour fastness-Assessment of the potential to phenolic yellowing of materials
GB/T 29862	Textiles—Identification of fiber content
GB/T 36971	Textiles—Tests for colour fastness—Assessment of migration of textile colours into polyvinyl chloride coatings
GB/T 3917.2	Textiles — Tear properties of fabrics — Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method)
GB/T 3917.4	Textiles — Tear properties of fabrics — Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test)
GB/T 3920	Textiles-Tests for colour fastness-Colour fastness to rubbing
GB/T 3921	Textiles - test for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda
GB/T 3922	Textiles-Tests for colour fastness-Colour fastness to perspiration
GB/T 3923.1	Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method
GB/T 3923.2	Textiles — Tensile properties of fabrics — Part 2: Determination of maximum force using the grab method
GB/T 4669	Textiles - Woven fabrics - Determination of mass per unit length and mass per unit area
GB/T 4802.2	Textiles-Assessing the rate of pilling of fabrics-Martindale method
GB/T 5713	Textiles-Tests for colour fastness-Colour fastness to water
GB/T 5714	Textiles-Tests for colour fastness-Colour fastness to sea water
GB/T 7573	Textiles-Determination of pH of aqueous extract
GB/T 7742.1	Textiles-Bursting properties of fabrics-Part1:Hydraulic method for determination of bursting strength and bursting distension
GB/T 8433	Textiles-Tests for colour fastness-Colour fastness to chlorinated water (swimming-pool water)
GB/T19976	Textiles—Determination of bursting strength—Steel ball method
GB/T2912.3	Textiles—Determination of formaldehyde—Part 3:High performance liquid chromatography method
ISO 105-E01	Textiles-Tests for colour fastness-Part E01: Colour fastness to water
ISO 105-E02	Textiles-Tests for colour fastness-Part E02: Colour fastness to sea water
ISO 105-E03	Textiles-Tests for colour fastness-Part E03:Colour fastness to chlorinated water (swimming-pool water)
ISO 105-E04	Textiles-Tests for colour fastness-Part E04:Colour fastness to perspiration
ISO 105-P01	Textiles-Tests for colour fastness-Part P01: Colour fastness to dry heat (excluding pressing)
ISO 105-X10:1993	Textiles — Tests for colour fastness — Part X10: Assessment of migration of textile colours into polyvinyl chloride coatings

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ISO 105-X12	Textiles-Tests for colour fastness-Part X12:Colour fastness to rubbing
ISO 105-X18	Textiles-Tests for colour fastness-Part X18:Assessment of the potential to phenolic yellowing of materials
ISO 12945-2	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method
ISO 12947-2	Textiles-determination of the abration resistance of fabrics by the martindale method-part2: determination of specimen breakdown
ISO 12947-3	Textiles-determination of the abration resistance of fabrics by the martindale method-part3:determination of mass loss
ISO 12947-4	Textiles-determination of the abration resistance of fabrics by the martindale method-part4:assessment of appearance change
ISO 13934-1	Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method
ISO 13938-1	Textiles-Bursting properties of fabrics-Part 1:Hydraulic method for determination of bursting strength and bursting distension
ISO 14184-1	Textiles-Determination of formaldehyde-Part 1: Free and hydrolyzed formaldehyde (water extraction method)
ISO 1421	Rubber- or plastics-coated fabrics — Determination of tensile strength and elongation at break
ISO 14362-1	Textiles-Methods for determination of certain aromatic amines derived from azo colorants-Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres
ISO 14362-3	Textiles-Methods for determination of certain aromatic amines derived from azo colorants-Part 3:Detection of the use of certain azo colorants, which may release 4-aminoazobenzene
ISO 18254-2:2018	Textiles -Method for the detection and determination ofalkylphenol ethoxylates (APEO) —Part 2:Method using NPLC
ISO 3071	Textiles-Determination of pH of aqueous extract
ISO 3801	Textiles - Woven fabrics - Determination of mass per unit length and mass per unit area
ISO 5470-2	Rubber-or plastics-coated fabrics - Determination of abrasion resistance- Martindale method
ISO 9073-1	Nonwovens — Test methods — Part 1: Determination of mass per unit area
Footwear	
ASTM D1052	Standard Test Method for Measuring Rubber Deterioration-Cut Growth Using Ross Flexing Apparatus
ASTM D1148	Standard Test Method for Rubber Deterioration-Discoloration from Ultraviolet (UV) or UV/Visible Radiation and Heat Exposure of Light-Colored Surfaces
ASTM D1630	Standard Test Method for Rubber Property-Abrasion Resistance (Footwear Abrader)
ASTM D2240	Standard Test Method for Rubber Property-Durometer Hardness
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ASTM D3574	Standard Test Methods for Flexible Cellular MaterialsSlab,Bonded,and Molded Urethane Foams
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers- Tension
ASTM D417	Lubricating Grease Fretting Wear Protection Tester Lubricant frettingapparatus Petroleum fretting corrosion Analyzer
ASTM D5169	Standard Test Method for Shear Strength (Dynamic Method) of Hook and Loop Touch Fasteners
ASTM D5170	Standard Test Method for Peel Strength ("T"Method) of Hook and Loop Touch Fasteners
ASTM D5963	Standard Test Method for Rubber Property-Abrasion Resistance(Rotary Drum Abrader)
ASTM D624	Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D7359-23	Standard Test Method for Total Fluorine, Chlorine and Sulfur in Aromatic Hydrocarbons and Their Mixturesby Oxidative Pyrohydrolytic Combustion followed by Ion Chromatography Detection(Combustion Ion Chromatography-CIC)1
ASTM D792	Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
ASTM F2913	Standard Test Method for Measuring the Coefficient of Friction for Evaluation of Slip Performance of Footwear and Test Surfaces/Flooring Using a Whole Shoe Tester
BS 5131	Footwear-Test methods for uppers, lining and insocks-Seam strengthMethods of test for footwear and footwear materials-Part 5 Testing of complete footwear
BS 5131	Methods of test for footwear and footwear materials-Part 5:Testing of complete footwear
BS 5131	Methods of test for footwear and footwear materials-Part 5:Testing of complete footwear
BS 5131-2.1	Methods of test for footwear and footwear material-Part 2 : Solings
BS 5131-3.7	Methods of test for footwear and footwear materials. Uppers, textiles and threads- Breaking strength of shoe laces
BS 5131-4.2	Methods of test for footwear and footwear materials-Part4:Other components- Flexing index of fibreboard
BS 5131-4.8	Methods of test for footwear and footwear materials-Other components- Resistance of heels of ladies' shoes to lateral impact
BS 5131-5.4	Methods of test for footwear and footwear materials-Part 5:Testing of complete footwear
BS EN 12770	Footwear-Test methods for outsoles-Abrasion resistance
BS EN 12803	Footwear-Test methods for outsoles-Tensile strength and elongation
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BS EN 13520	Footwear-Test methods for uppers, lining and insocks-Abrasion resistance
BS EN 13780	Touch and close fasteners-Determination of longitudinal shear strength
BS EN ISO 17694	Footwear-Test methods for uppers and lining-Flex resistance
BS EN ISO 17700	Footwear-Test methods for uppers, linings and insocks-Colour fastness to rubbing
BS ISO 4649	Rubber, vulcanized or thermoplastic-Determination of abrasion resistance using a rotating cylindrical drum device
DIN 53512	Testing of rubber - Determination of rebound resilience (Schob pendulum)
DIN EN 12770	Footwear-Test methods for outsoles-Abrasion resistance
DIN EN 13520	Footwear-Test methods for uppers, lining and insocks-Abrasion resistance
DIN EN ISO 20871	Footwear-Test methods for outsoles-Abrasion resistance
EN 12770	Footwear-Test methods for outsoles-Abrasion resistance
EN 12803	Footwear-Test methods for outsoles-Tensile strength and elongation
EN 13520	Footwear-Test methods for uppers, lining and insocks-Abrasion resistance
EN 13780	Touch and close fasteners-Determination of longitudinal shear strength
EN 14582	Characterization of waste - Halogen and sulfur content -Oxygen combustion in closed systems and determination methods
EN ISO 13287	Personal protective equipment — Footwear — Test method for slip resistance
EN ISO 16189	Footwear-Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials
EN ISO 17694	Footwear-Test methods for uppers and lining-Flex resistance
EN ISO 17696	Footwear-Test methods for uppers, linings and insocks-Tear strength
EN ISO 17700	Footwear-Test methods for uppers, linings and insocks-Colour fastness to rubbing
EN ISO 17708	Footwear-Test methods for whole shoe-Upper sole adhesion
EN ISO 19953	Footwear-Test methods for heels-Resistance to lateral impact
EN ISO 19956	Footwear-Test methods for heels-Fatigue resistance
EN ISO 22776	Footwear-Test methods for accessories-Touch and close fasteners-Shear strength before and after repeated closing
EN ISO 22777	Footwear-Test methods for accessories-Touch and close fasteners-Peel strength before and after repeated closing
EN ISO 4674-1	Rubber or plastics-coated fabrics-Determination of tear resistance-Part 1:Constant rate of tear methods
EN ISO 5470-1	Rubber- or plastics-coated fabrics-Determination of abrasion resistance-Part 1:Taber abrader

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EN ISO 5470-2	Rubber- or plastics-coated fabrics-Determination of abrasion resistance-Part 2:Martindale abrader
FIA 1206 (modified)	Whole shoe sole pull test
GB 18583	Indoor decorating and refurbishing materials - Limit of harmful substances of adhesives
GB 19340	Adhesives for footwear and case and bag
GB 21148	Personal protective equipmentTest methods for footwear
GB 25036	Childrens canvas rubber footwear
GB 25037	Industrial rubber boots
GB 25038	Rubber shoes healthy and safe specification
GB 30585	Safety technical specifications for children's footwea
GB/T 1040.1	Plastics-Determination of tensile properties-Part 1:General principles
GB/T 1040.2	Plastics-Determination of tensile properties-Part 2:Test conditions for moulding and extrusion plastics
GB/T 1040.3	Plastics-Determination of tensile properties-Part 3:Test conditions for films and sheets
GB/T 10654	Flexible cellular polymeric materials-Determination of tensile strength and elongation at break
GB/T 11413	Test method for bond strengh of leather shoes heels
GB/T 12027	Plastics—film and sheeting—Determination of dimensional change on heating
GB/T 15107	Athletic shoes
GB/T 16641	Footwear - Test methods for whole shoe - Dynamic waterproofness
GB/T 1689	Rubber vulcanized-Determination of abrasion resistance (Akron machine)
GB/T 1690	Rubber, vulcanized or thermoplastic—Determination of the effect of liquids
GB/T 19706	Football shoes
GB/T 20991	Personal protective equipmentTest methods for footwear
GB/T 21396	Footwear-Test methods for whole shoe-Upper sole adhesion
GB/T 22756	Leather sandals
GB/T 230.1	Metallic materiais-Rockwell hardness test-Part 1:Test method
GB/T 2411	Plastics and ebonite-Determination of indentation hardness by means of a durometer(shore hardness)
GB/T 24153	Rubber and elastomer materials-Determination of N-nitrosamines
GB/T 26703	Determination of zbrasion resistance for top piece of leather shoes-Rotation cylindrical drum method
GB/T 26713	Footwear-Chemical tests-Determination of dimethyl fumarate (DMF)
GB/T 28011	Shanks for footwear

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GB/T 28287	Foot protection — Test method for footwear slip resistance
GB/T 30910	Rubber shoes—Determination of migration of 2-Mercaptobenzothiazole and 2,2'-Dithiobis(benzothiazole)
GB/T 33313	Children's rain boots(shoes)
GB/T 33390	Footwear-Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials
GB/T 33391	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAH) in footwear materials
GB/T 34842	Footwear-Chemical tests-Determination of formamide
GB/T 3512	Rubber vulcanized or thermoplastic-Accelerated ageing and heat resistance tests-Air-oven method
GB/T 38011	Footwear-Test methods for whole shoe-Pulling out strength
GB/T 3903.1	Footwear-Test methods for whole shoe-Flexing resistance
GB/T 3903.10	Footwear-Test methods for insoles. Dimensional stability
GB/T 3903.11	Footwear-Test methods for insoles, lining and insocks-Perspiration resistance
GB/T 3903.12	Footwear-Test methods for outsoles-Tear strength
GB/T 3903.13	Footwear-Test methods for outsoles-Dimensional stability
GB/T 3903.16	Footwear-Test methods for uppers, linings and insocks- Abrasion resistance
GB/T 3903.19	Footwear - Test methods for accessories:Metallic accessories - Corrosion resistance
GB/T 3903.2	Footwear-Test methods for whole shoe-Abrasion resistance
GB/T 3903.20	Footwear-Test methods for accessories-Touch and close fasteners-Peel strength before and after repeated closing
GB/T 3903.21	Footwear-Test methods for accessories-Touch and close fasteners-Shear strength before and after repeated closing
GB/T 3903.25	Footwear-Test methods for whole shoe-Heel attachment
GB/T 3903.29	Footwear—Test methods for outsoles—Determination of split tear strength and delamination resistance
GB/T 3903.3	Footwear-General test methods-Peeling strength
GB/T 3903.33	Footwear-Test methods for insoles and insocks-Water absorption and desorption
GB/T 3903.34	Footwear-Test methods for shanks-Longitudinal stiffness
GB/T 3903.39	Footwear-Test methods for uppers-Delamination resistance
GB/T 3903.4	Footwear-Test methods for whole shoe-Hardness
GB/T 3903.41	Footwear-Test methods for uppers and lining-Flex resistance
GB/T 3903.43	Footwear-Test methods for uppers, lining and insocks-Seam strength

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GB/T 3903.5	Footwear—General test methods—Appearance quality
GB/T 3903.6	Footwear—Test methods for whole shoe—Slip performance
GB/T 3903.7	Footwear-Ageing conditioning
GB/T 43293	Shoe size
GB/T 528	Rubber, vulcanized or thermoplastic-Determination of tensile stress-strain properties
GB/T 529	Rubber, vulcanized or thermoplastic-Determination of tear strength(Trouser,angle and crescent test pieces)
GB/T 531.1	Rubber, vulcanized or thermoplastic-Determination of indentation hardness-Part 1:Duromerer method(Shore hardness)
GB/T 532	Rubber, vulcanized or thermoplastic-Determination of adhesion to textile fabric
GB/T 533	Rubber, vulcanized or thermoplastic-Determiantion of density
GB/T 6343	Cellular plastics and rubbers-Determination of apparent (bulk) density
GB/T 7759.1	Rubber, vulcanized or thermoplastic-Determination of compression set-Part 1:At ambient or elevated temperatures
GB/T 9867	Rubber, vulcanized or thermoplastic-Determination of abrasion resistance using a rotating cylindrical drum device
HG/T 2016	Sports shoes for basketball and volleyball
HG/T 2017	Sport shoes
HG/T 2018	Casual
HG/T 2019	Black rain boots (shoes)
HG/T 2020	Color rain boots(shoes)
HG/T 2182	Cotton-padded rubber shoes
HG/T 2411	Test method for 90° flexing of sole material
HG/T 2489	Cellular for shoes-Determination of hardness
HG/T 2871	Determination of flex resistance of whole rubber shoes
HG/T 2872	Cellular material for rubber-plastics shoes-Determination of apparent density
HG/T 2873	Testing method for flexibility of sole of rubber shoes
HG/T 2876	Cellular material for rubber-plastics shoes-Determination of compression set
HG/T 2877	Determination of pull-out force of upper bands from bottom of slippers or sandals
HG/T 3084	Injection molding shoes
HG/T 3085	Rubber-plastics adhesive shoes
HG/T 3086	Rubber-plastics sandals and slippers
HG/T 3664	Test method of the resistance of all rubber boots (shoes) to water penetration
HG/T 3689	Test method of discoloration for footwear

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HG/T 3780	Test method of static slip resistance for footwear
HG/T 4620	Footwear - Test methods of rubber parts - Blooming
HG/T 4809	Cross-county rubber shoes
HG/T 4991	Testing method for rubber film elongation of rubber shoes
HG/T 4993	Cellular material for shoes - Determination of resilience
HG/T 4997	Determination of pull-out force of eyelets
ISO 13287	Personal protective equipment — Footwear — Test method for slip resistance
ISO 16181-1	Footwear - Critical substances potentially present in footwear and footwear components Part1:Determination of phthalate with solvent extraction
ISO 16189	Footwear-Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials
ISO 16190	Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAH) in footwear materials
ISO 17694	Footwear-Test methods for uppers and lining-Flex resistance
ISO 17696	Footwear-Test methods for uppers, linings and insocks-Tear strength
ISO 17697	Footwear-Test methods for uppers, lining and insocks-Seam strength
ISO 17700	Footwear-Test methods for uppers, linings and insocks-Colour fastness to rubbing
ISO 17704	Footwear-Test methods for uppers, linings and insocks-Abrasion resistance
ISO 17707	Footwear test methods for outsoles flex resistance first edition
ISO 17708	Footwear-Test methods for whole shoe-Upper sole adhesion
ISO 188	Rubber vulcanized or thermoplastic-Accelerated ageing and heat resistance tests-Air-oven method
ISO 19953	Footwear-Test methods for heels-Resistance to lateral impact
ISO 19954	Footwear-Test methods for whole shoe-Washability in a domestic washing machine
ISO 19956	Footwear-Test methods for heels-Fatigue resistance
ISO 20344	Personal protective equipment — Test methods for footwear
ISO 20345	Personal protective equipmentOccupational footwear
ISO 20870	Footwear -Ageing conditioning
ISO 20871	Footwear-Test methods for outsoles-Abrasion resistance
ISO 20872	Footwear-Test methods for outsoles-Tear strength
ISO 20873	Footwear-Test methods for outsoles-Dimensional stability

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ISO 20875	Footwear—Test methods for outsoles—Determination of split tear strength and delamination resistance
ISO 22650	Footwear-Test methods for whole shoe-Heel attachment
ISO 22651	Footwear-Test methods for insoles. Dimensional stability
ISO 22652	Footwear - Test methods for insoles, lining and insocks-Perspiration resistance
ISO 22654	Footwear - Test methods for outsoles —Tensile strength and elongation
ISO 22775	Footwear -Test methods for accessories: Metallic accessories - Corrosion resistance
ISO 22776	Footwear-Test methods for accessories-Touch and close fasteners-Shear strength before and after repeated closing
ISO 22777	Footwear-Test methods for accessories-Touch and close fasteners-Peel strength before and after repeated closing
ISO 24267	Footwear-Determination of coefficient of friction for footwear and sole components - Test method
ISO 24267	Footwear-Determination of coefficient of friction for footwear and sole components - Test method
ISO 2781	Rubber, vulcanized or thermoplastic-Determiantion of density
ISO 34-1	Rubber, vulcanized or thermoplastic-Determination of tear strength-Part 1: Trouser, angle and crescent test pieces
ISO 36	Rubber, vulcanized or thermoplastic-Determination of adhesion to textile fabric
ISO 37	Rubber, vulcanized or thermoplastic-Determination of tensile stress-strain properties
ISO 4649	Rubber, vulcanized or thermoplastic-Determination of abrasion resistance using a rotating cylindrical drum device
ISO 4674-1	Rubber or plastics-coated fabrics-Determination of tear resistance-Part 1:Constant rate of tear methods
ISO 5470-1	Rubber- or plastics-coated fabrics-Determination of abrasion resistance-Part 1:Taber abrader
ISO 5470-2	Rubber- or plastics-coated fabrics-Determination of abrasion resistance-Part 2:Martindale abrader
ISO 868	Plastics and ebonite-Determination of indentation hardness by means of a durometer(shore hardness)
ISO/TS 16179	Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials
ISO/TS 16186	Footwear — Critical substances potentially present in footwear and footwear components — Determination of dimethyl fumarate (DMFU)
QB/T 1002	Leather shoes
QB/T 1472	Flexing index of fiberous board for footwear

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QB/T 1653	Polyvinyl chloride plastic sandals
QB/T 1813	Leather shoes shank stiffness test method
QB/T 2224	Footwear-Performance requirement for uppers low-temperature flexing resistance
QB/T 2675	Test methods for shoelace-breaking force
QB/T 2863	Footwear-Test methods for heels-Resistance to lateral impact
QB/T 2864	Footwear-Test methods for heels-Fatigue resistance
QB/T 2880	Childrens leather shoes
QB/T 2882	Footwear-Test methods for uppers, linings and insocks-Colour fastness to rubbing
QB/T 2883	Footwear-Test methods for uppers, linings and insocks-Tear strength
QB/T 2884	Footwear-Test methods for outsoles-Abrasion resistance
QB/T 2885	Footwear-Test methods for whole shoe-Flexing resistance
QB/T 2886	Footwear-Test methods for whole shoe-Upper sole adhesion
QB/T 2887	Footwear-Test methods for whole shoe-Washability in a domestic washing machine
QB/T 2955	Casual shoes
QB/T 2977	Ethylene-vinly acetate copolymer(EVA) slippers and sandals
QB/T 4118	Footwear-Test methods for uppers-Tensile strength and elongation
QB/T 4329	Cloth shoes
QB/T 4331	Children's athletic shoes
QB/T 4338	Footwear-Chemical test method-Determination of alkylphenol ethoxylates
QB/T 4340	Footwear-Chemical test method-Total heavy metal content-Inductively coupled plasma emission Spectroscopy
QB/T 4545	Test method for abrasion resistance of footwear materials (Taber abrader)
QB/T 4546	Children's leather sandals
QB/T 4548	Golf shoes
QB/T 4552	Slippers
QB/T 4553	Lightweight hiking shoes
QB/T 4556	Snow boots
QB/T 4886	Footwear-Performance requirement for sole flexing resistance at low-temperature
QB/T 5301	School shoes for primary and secondary students
QB/T2673	Shoe product labels
SATRA TM 60	Ross flex test-resistance to cut growth on flexing
SATRA TM1	Thickness of leather and insole materials

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SATRA TM108	Strength of top-piece attachment
SATRA TM113	Measurement of the strength of attachment of heels to footwear and the backpart rigidity of such footwear
SATRA TM117	Attachment strength of decorative bows
SATRA TM118	Strength of sandal toe posts
SATRA TM120	Strength of attachment of straps and nailed or stapled uppers
SATRA TM133	Resistance to crack initiation and growth - belt flex method
SATRA TM134	Density of materials by volume displacement
SATRA TM144	Friction (slip resistance) of footwear and floorings
SATRA TM149	Strength of eyelet facings and other laced fastenings
SATRA TM158	Washability of footwear
SATRA TM161	Bennewart flex test - resistance to cut growt on flexing
SATRA TM163	Abrasion resistance - Taber method
SATRA TM167	Colorfastness to rubbing-crockmeter test
SATRA TM174	Abrasion resistance - rotating drum method
SATRA TM175	Attachment strength of shoe lace tags
SATRA TM180	Stitched seam strength in upper and lining material
SATRA TM181	Buckle&strap attachment strength
SATRA TM195	Knot slippage test
SATRA TM20	Impact test forshoe heel
SATRA TM205	Hardness of rubber, polyurethane and plastics - durometer method
SATRA TM206	Hardness of rubber and plastics -IRHD method
SATRA TM21	Fatigue test for shoe heels
SATRA TM217	Resistance to surface wetting(spray rating)
SATRA TM223	Floor marking by solings or top pieces
SATRA TM25	Vamp flex test-resistance to creasing and cracking
SATRA TM260	Phenolic (elusive) yellowing of textiles
SATRA TM29	Breaking strength and extension at break
SATRA TM3	Flexing index
SATRA TM30	Tear strength-trouser leg method
SATRA TM31	Abrasion resistance-Martindale method
SATRA TM344	Hydrolysis of polyurethane solings and polyurethane coated leathers
SATRA TM401	Peel strength of adhesive bonds
SATRA TM406	Lacquer adhesion - cross hatch test
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SATRA TM409	Heat resistance/heat ageing of sole bonds in complete footwear
SATRA TM410	Adhesion strength of a coating to its base
SATRA TM411	Peel strength of footwear sole bonds
SATRA TM55	Flexing resistance of upper materials-bally flexometer
SATRA TM64	Compression set - constant stress method
SATRA TM70	Heat shrinkage of cellular solings
SATRA TM77	Flexing machine - water penetration test
SATRA TM92	Resistance of footwear to flexing
SATRA TM94	Breaking force and extension at break of shoe laces
SN/T 4113	Determination of acetophenon in plastic and plastic products - High performance liquid chromatography
SN/T 4134	Test method for outsole blooming
SN/T 4460	Determintion of extracted 2-mercaptobenzothiazole from rubber products
Тоу	
16 CFR Part 1303	Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint
16 CFR Part 1307	Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates
16 CFR Part 1500.18	Banned toys and other banned articles intended for use by children
16 CFR Part 1500.19	Misbranded toys and other articles intended for use by children
16 CFR Part 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age
16 CFR Part 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age
16 CFR Part 1500.50	Test methods for simulating use and abuse of toys and other articles intended for use by children
16 CFR Part 1500.51	Test methods for simulating use and abuse of toys and other articles intended for use by children 18 months of age or less
16 CFR Part 1500.52	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age
16 CFR Part 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age
16 CFR Part 1501	Method for Identifying Toys and Other Articles Intended for Use by Children Under 3 Years of Age Which Present Choking, Aspiration, or Ingestion Hazards Because of Small Parts
ASTM F963	Standard Consumer Safety Specification for Toy Safety
CPSC-CH-C1001-09.4	Phthalates Determination, Standard Operating Procedure
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CPSC-CH-E1001-08.3	Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry): Standard Operating Procedure
CPSC-CH-E1002-08.3	Total Lead (Pb) in Non-Metal Children's Products: Standard Operating Procedure
CPSC-CH-E1003-09.1	Total Lead (Pb) in Paint and Other Similar Surface Coatings
EN 71-1	Safety of toys-Part 1: Mechanical and physical properties
EN 71-2	Safety of toysPart 2: Flammability
GB 6675.2	Safety of toys-Part 2:Mechanical and physical properties
GB6675.3	Safety of toys-Part 3: Flammability
ISO 8124-1	Safety of toys - Part 1: Safety aspects related to mechanical and physical properties
ISO 8124-2	Safety of toysPart 2: Flammability
UL 4200A	Products Incorporating Button Batteries or Coin Cell Batteries
Metal Product	
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM D610	Standard Practice for Evaluating Degree of Rusting on Painted Steel Surfaces
GB/T 1771	Paints and varnishes—Determination of resistance to neutral salt spray(fog)
GB/T 6461	Methods for corrosion testing of metallic and other inorganic coatings on metallic substratesRating of test speciments and manufactured articles subjected to corrosion tests
GB/T 10125	Corrosion tests in artificial atmospheres—Salt spray tests
ISO 9227	Corrosion tests in artificial atmospheres — Salt spray tests
ISO10289	Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates — Rating of test specimens and manufactured articles subjected to corrosion tests
QB/T 2002.1	Hardware fitting of leather products - Speciafication of electroplated layer
QB/T 2002.2	Hardware fitting of leather products - Speciafication of sprayed coating
QB/T 2171	Metal zipper
QB/T 2172	Derlin zipper
QB/T 2173	Nylon zipper
QB/T 3826	Corrosion resistance test method for metal coatings and chemically treated coatings of light industrial products - Neutral salt spray test (NSS) method
QB/T 3832	Evaluation of the corrosion test results of the metal deposits for the light industrial products
QB/T 5431	Weave zipper
QB/T 5432	Invisible Zipper

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