



纺织品、服装及服饰配件测试  
Textile, Garment and Fashion  
Accessories Testing

[www.tuv.com](http://www.tuv.com)

 **TÜVRheinland**<sup>®</sup>  
Precisely Right.

# 优质纺织服装检测服务

## First-class textile and garment testing

作为国际领先的检测认证服务提供商，德国莱茵TÜV可以依据各国质量要求和国际标准为您的产品进行测试。

TÜV Rheinland is a leading provider of technical services worldwide. We can test products for compliance with national and international requirements and standards.



## 德国莱茵TÜV，您值得信赖的合作伙伴

### TÜV Rheinland is your reliable partner

- 我们遍布大中华区的专业团队及服务网络为您提供一站式服务
- 我们的测试报告得到了国际买家的高度认可，助您进一步开拓全球市场
- 我们国际公认的测试标识可以帮助您满足不同市场的法规要求
- 通过展现您的产品符合相关安全标准，帮助您降低责任风险
- 我们的高效审核和丰富经验使您获益
- 我们能够帮助您提高客户对产品质量和安全的信心
- Our network and team of experts in greater China provide you with one-stop services
- Our test reports are well-recognised by overseas buyers, thus providing you with greater global market access
- With the internationally recognised test marks of TÜV Rheinland, you can demonstrate your compliance with legal requirements
- We can help you to reduce your liability risk by demonstrating your safety standards
- You will benefit from our efficient audits backed up by extensive experience
- We can help you to boost customer confidence in the quality and reliability of your products

## 我们的服务

### Our services

我们能够提供各类强制性及自愿性的测试服务，以符合国家标准或客户要求，其中包括

We offer a variety of mandatory and voluntary tests to meet national standards or client specifications, including, but not limited to



#### 色牢度

- 水洗色牢度测试
- 耐水色牢度测试
- 汗液色牢度测试
- 耐氯漂和非氯漂色牢度
- 干洗色牢度测试
- 烟熏色牢度
- 唾液色牢度
- 耐摩擦色牢度
- 耐光色牢度
- 海水色牢度
- 氯化水或氯化泳池水色牢度
- 耐热压色牢度

#### Colourfastness

- Colourfastness to washing
- Colourfastness to water
- Colourfastness to perspiration
- Colourfastness to chlorine bleach and non-chlorine bleach
- Colourfastness to drycleaning
- Colourfastness to burnt gas fumes
- Colourfastness to saliva
- Colourfastness to rubbing
- Colourfastness to light
- Colourfastness to sea water
- Colourfastness to chlorinated water, including pool water
- Colourfastness to hot pressing

## 结构性质

## Construction properties

- 纱线支数
- 织物厚度
- 织物重量
- 织物密度
- Yarn count
- Fabric thickness
- Fabric weight
- Fabric count

## 尺寸稳定性

## Dimensional stability

- 水洗尺寸稳定性
- 水洗后外观
- 洗可穿测试
- 干洗尺寸稳定性
- 干洗后外观
- 扭斜
- Dimensional stability to washing
- Appearance after washing
- Wash and wear tests
- Dimensional stability to drycleaning
- Appearance after drycleaning
- Spirality

## 生态纺织品

## Eco Textile

- 偶氮染料
- 六价铬
- 致敏分散染料
- 有机锡化合物
- 甲醛
- 五氯苯酚, 四氯苯酚, 三氯苯酚
- 酸碱度
- 富马酸二甲酯
- 镉
- 重金属
- 致癌染料
- 镍释放量
- 壬基酚, 壬基苯酚
- 多环芳烃
- 邻苯二甲酸盐
- 二甲基甲酰胺
- Azo dyes
- Chromium (VI)
- Allergenic disperse dyes
- Organotin compounds
- Formaldehyde
- PCP, TeCP, TriCP
- pH value
- Dimethyl fumurate
- Cadmium
- Heavy metal
- Carcinogenic dyes
- Nickel release
- NP, NPEO
- PAHs
- Phthalates
- Dimethyl formamide

## 易燃性

## Flammability

- 常规服装的阻燃性能
- 乙烯塑料膜的阻燃性能
- 防护服的易燃性
- 儿童睡衣的阻燃性能
- 地毯和地垫的阻燃性能
- Flammability of general clothing and textiles
- Flammability of vinyl plastic film
- Flammability of protective clothing
- Flammability of children's sleepwear
- Flammability of carpets and rugs

## 服装配件

## Garment Accessories

- 拉链测试
- 粘扣带强力测试
- 拉力测试
- 纽扣测试
- 耐腐蚀测试
- 扭矩测试
- Zipper tests
- Hooks and loop fastener tests
- Tension tests
- Button tests
- Rusting tests
- Torque tests

## 纤维分析

## Fibre Analysis

- 含水率
- 纤维成分
- Moisture content
- Fibre composition

## 强度性能

## Strength properties

- 拉伸强力
- 接缝强力
- 胀破强力
- 撕破强力
- 接缝滑移
- 接缝延伸性能
- Tensile strength
- Seam strength
- Bursting strength
- Tearing strength
- Seam slippage
- Seam stretchability

## 应用性能

## Performance properties

- 耐磨性
- 防勾丝
- 耐水性
- 防污
- 保暖性
- 抗起毛起球
- 拒水
- 拒油
- 透湿性
- 抗水气性能
- Abrasion resistance
- Snagging resistance
- Water resistance
- Soil release
- Thermal resistance
- Pilling resistance
- Water repellency
- Oil repellency
- Water vapour permeability
- Water vapour resistance

## 其他专业测试

## Other Specialies

- 护理标签推荐或核查
- 紫外线防护测试
- 尖点, 锐边测试
- 童装抽绳评估
- Care label recommendation or verification
- UV protection test
- Sharp point/edge test
- Assessment of children's clothing drawstrings

## 测试范围

### Testing scope



- 纤维
- 纱线
- 功能性服装
- 文胸和紧身衣
- 床上用品
- 家用纺织品
- 手套
- 椅垫
- 鞋类
- 皮具
- 箱包及配件
- 睡袋
- 紫外线防护服
- 个人防护装备
- 其他
- Fibre
- Yarn
- Functional garments
- Brassieres and corsetry products
- Bedding sets
- Household textiles
- Gloves
- Upholstery
- Footwear
- Leather goods
- Bags and accessories
- Sleeping bags
- UV-protective clothing
- Personal protective equipment (PPE) products
- Others

## 测试标准

### Testing standards

我们可以根据客户要求针对以下标准的强制性和自愿性质量要求对产品进行测试

We are conversant with and experienced in compliance with mandatory and voluntary requirements in accordance with standards such as

- 中国纺织品工业协会
- 中国国家标准化管理委员会
- 澳大利亚标准学会
- 德国标准学会
- 法国标准化协会
- 国际标准化组织
- 加拿大标准委员会
- 美国测试和材料学会
- 美国纺织品染化师协会
- 美国消费品安全委员会
- 欧洲标准化委员会
- 日本标准协会
- 鞋类和联合贸易研究协会
- 英国标准学会
- China National Textile Industry Council (FZ)
- Standardization Administration of China (GB)
- Standards Australia (AS)
- Deutsches Institute Für Normung (DIN)
- Association Francaise de Normalisation (NF)
- International Organization for Standardization (ISO)
- Canadian General Standards Board (CAN/CGSB)
- American Society for Testing and Materials (ASTM)
- American Association of Textile Chemists and Colorists (AATCC)
- The US Consumer Product Safety Commission (US CPSC)
- European Committee for Standardization (EN)
- Japanese Standards Association (JIS)
- Shoe and Allied Trades Research Association (SATRA)
- British Standards Institution (BS)

# 认证标识

## Certification marks

满足客户对优质产品的殷切期望是所有制造商和零售商都有共同目标。为了使产品在竞争激烈的市场中脱颖而出，超越客户期望的最好途径就是拥有独立公正的认证和品质标识。我们的优质标识可为您的产品增值，提升客户信心。

The main goal of all manufacturers and retailers is to meet customer expectations for high quality products. Certification and quality marks are your best tools for ensuring your products stand out in competitive markets and exceeding customer expectations. Our exclusive marks add value to your products and help to instill confidence and trust in your clients.



Tested for  
Harmful  
Substances

www.tuv.com  
ID 5000000000

**TOXPROOF®** 标识是由德国莱茵TÜV颁发的安全标识，此标识特别针对产品毒素数量检测，适用于不同类型的产品，如纺织品、家具、建材、涂料、汽车内饰材料等。当你看到产品上有TOXPROOF标识，就证明该产品的毒素含量低于官方限制。TOXPROOF标识是消费者购买产品时的一项重要决策工具。国际知名制造商都纷纷选择含有TOXPROOF标识的产品以证明他们对该产品的信心。德国某知名汽车制造商选择含有TOXPROOF标识的椅套，就是一个很好的例子。

TÜV Rheinland's **TOXPROOF®** mark is a safety mark that confirms that products have been tested for a variety of toxins. The mark can be issued for a wide variety of finished products, such as textiles, furniture, construction materials, paints and vehicle interior materials. Whenever you see the TOXPROOF® mark on a product, you can be assured that its toxin levels are below official limits. The TOXPROOF® mark is widely recognised and has become an important decision-making tool for consumers. Well-known international manufacturers apply for the TOXPROOF® mark to demonstrate their confidence in their products. A good example is the car seat covers used by an well-known German automobile manufacturer, which have received TOXPROOF® mark approval.



**Certipedia**是一项线上的营销服务，具有以下各种优越功能

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独树一“识”，增值优势

Always a good sign. The TÜV Rheinland test mark.



德国莱茵TÜV的测试标识代表了产品、服务和管理体系经过我们严格的检测、认证和检验，这些信息公开透明、可随时随地查询、全球适用。我们的标识是安全和质量的代名词，有力提升了产品及企业的竞争力。

This mark stands for all the information about products, services and systems that are tested, certified or inspected by TÜV Rheinland. Transparent, available anytime worldwide – powerful and unique. The TÜV Rheinland test mark.

# 常见服饰测试建议

## Testing recommendations for major types of apparel

|                                |   |  | 衬衫<br>Shirt<br>Blouses                                      | 运动T恤<br>Sport Shirts,<br>T-Shirts | 长裤<br>Trousers | 裙<br>Dresses,<br>Skirts | 外套, 西装外套<br>Jackets,<br>Blazers, Coats | 滑雪服, 厚夹克,<br>雨衣<br>Skiwear, Anoraks,<br>Rainwear | 内衣, 睡衣<br>Underwear,<br>Lingerie,<br>Nightwear | 针织服装<br>Sweatshirts,<br>Knitwear | 泳装<br>Swimwear | 衬里<br>Lining | 配件<br>Accessories |   |   |
|--------------------------------|---|--|---|-----------------------------------|----------------|-------------------------|--|--|--|----------------------------------|----------------|--------------|-------------------|---|---|
| 强制性测试<br>Mandatory<br>Testing  | 纤维标签 Fibre Labelling  | 成分分析 Fibre Analysis  | √   | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 |   |   |
|                                | 易燃性 Flammability  | 易燃性测试 (1) Flammability Test (1)                                      | √   | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 |   |   |
|                                | 护理标签<br>Care Labelling                                      | 尺寸稳定性——水洗或干洗 (2)<br>Dimensional Stability—Washing or Drycleaning (2) | 蒸汽 (3) Steaming (3)   | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 色牢度——水洗或干洗 (2)<br>Colourfastness—Washing or Drycleaning (2) | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 氯漂 Chlorine Bleach  | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ | √ |
|                                |   |  | 非氯漂 Non-chlorine Bleach                                     | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ | √ |
|                                |   |  | 热压 (4) Hot Pressing (4)                                     | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ | √ |
|                                | 危险化学品<br>Hazardous Chemicals                                | 洗后外观——水洗或干洗 (2)<br>Appearance after—Washing or Drycleaning (2)       | 偶氮染料 (5) Azo Dyestuffs (5)                                  | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 甲醛含量 (6) Formaldehyde Content (6)                           | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 镉含量 (5) Cadmium Content (5)                                 | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 五氯苯酚含量 (7) PCP Content (7)                                  | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 镍释放量 (5) Release of Nickel (5)                              | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                | CPSIA消费品安全改进法案 (适用于儿童产品)<br>CPSIA (for children's products) | 油漆和类似涂层中的铅含量<br>Lead in paint and similar surface coatings           | 涂层基质中的铅<br>Lead in Substrates                               | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 偶氮染料 (5) Azo Dyestuffs (5)                                  | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                | 质量与色性能测试<br>Quality & Performance<br>Testing                | 色牢度测试<br>Colourfastness Tests  | 摩擦色牢度 Rubbing/Crocking                                      | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
| 光照——10小时曝晒 Light—10 hours exp. |   |  |   |                                   |                |                         |  |  | √  |                                  |                |              | √                 |   |   |
| 光照——20小时曝晒 Light—20 hours exp. |   |  | √   | √                                 | √              | √                       | √                                      | √  | √  |                                  |                |              | √                 |   |   |
| 光照——40小时曝晒 Light—40 hours exp. |   |  |   |                                   |                |                         |  |  |  |                                  |                | √            |                   |   |   |
| 汗 Perspiration                 |   |  | ○   | √                                 |                |                         |  |  |  | √                                | ○              |              | √                 |   |   |
| 水 Water                        |   |  | √   |                                   |                | ○                       | √                                      |  | ○  | √                                | √              |              |                   |   |   |
| 氯化水 Chlorinated Water          |   |  |   |                                   |                |                         |  |  |  |                                  |                | √            |                   |   |   |
| 强度试验<br>Strength Tests         |   | 海水 Sea Water   | 拉伸强力 (8) Tensile Strength (8)                               | √                                 |                | √                       | √                                      | √  | √  | √                                | √              | √            | √                 |   |   |
|                                |   |  | 撕裂强力 (8) Tear Strength (8)                                  | ○                                 |                | ○                       | ○                                      | ○  | ○  | ○                                | ○              |              |                   |   |   |
|                                |   |  | 接缝强力 (8) Seam Strength (8)                                  | √                                 |                | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
|                                |   |  | 胀破强力 (9) Bursting Strength (9)                              | √                                 | √              | √                       | √                                      | √  | √  | √                                | √              | √            | √                 | √ |   |
| 其他测试<br>Other Tests            |   | 抗起毛起球 (10) Pilling Resistance (10)                                   | 耐磨性 (11) Abrasion Resistance (11)                           | ○                                 | ○              | √                       | ○                                      | ○  |  |                                  | √              |              | ○                 |   |   |
|                                | 淋雨试验 Rain Test  |  |   |                                   |                |                         |  | ○  | √  |                                  |                |              |                   |   |   |
|                                | 免烫等级 (12) Durable Press Rating (12)                         |  | ○   |                                   | ○              | ○                       | ○                                      |  |  |                                  |                |              |                   |   |   |

备注:

√ 必要测试

○ 选择性测试 (根据织物物料和服装风格而定)

- (1) 燃烧性能
  - 美国/加拿大: 儿童睡衣和其他服装
  - 英国/爱尔兰: 儿童睡衣
  - 澳大利亚/新西兰: 儿童睡衣
  - 挪威/荷兰: 所有穿的服装
- (2) 选择干洗或水洗其中一项
- (3) 只限加拿大
- (4) ISO和加拿大的常规测试
- (5) 欧盟的强制测试
- (6) 芬兰、日本、荷兰和德国的常规测试
- (7) 德国、奥地利、荷兰、挪威、丹麦和斯洛伐克的强制测试
- (8) 只限梭织制品
- (9) 只限针织制品
- (10) 毛、拉绒或纤维混纺的产品
- (11) 灯芯绒、易于护理用品的必要测试, 其他为选择性测试
- (12) 只限免烫制品

Remarks:

√ Essential Test

○ Optional Test (to be determined on basis of fabric materials and apparel style)

- (1) Flammability
  - USA/Canada: Children sleepwear and other wearing apparel
  - UK/Ireland: Children's nightwear
  - Australia/NZ: Children nightclothes
  - Norway/Netherlands: All wearing apparel
- (2) Either washing or drycleaning procedure is performed
- (3) For Canada only
- (4) Regulatory ISO and Canada
- (5) Mandatory test for EU
- (6) Regulatory test for Finland, Japan, Netherlands and Germany
- (7) Mandatory test for Germany, Austria, Netherlands, Norway, Denmark and Slovakia
- (8) Woven articles only
- (9) Knitted articles only
- (10) Hairy, brushed or cellulosic blended articles
- (11) Essential test for corduroy and easy-care articles, optional test for others
- (12) Permanent press finished articles only



为安全而莱，茵品质而生  
Here for safety. Born for quality.

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