

Translated English of Chinese Standard: QB/T 2464.23-99

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

QB

LIGHT INDUSTRY STANDARD OF
THE PEOPLE'S REPUBLIC OF CHINA

Classification No.: Y 45

Record No.: 4248-1999

QB/T 2464.23-99

eqv ISO 11641:1993

**Leather - Tests for Color Fastness -
Color Fastness to Perspiration**

皮革 颜色耐汗牢度测定方法

Issued on: October 14, 1999

Implemented on: March 1, 2000

Issued by: China Light Industry Bureau

Table of Contents

Foreword	3
ISO Foreword	4
1 Scope	5
2 Normative References.....	5
3 Principle.....	5
4 Apparatus and Materials.....	6
5 Sample	7
6 Test Procedures	7
7 Test Report	8

Foreword

This Standard equivalently adopts international standard ISO 11641:1993 *Leather - Tests for Color Fastness - Color Fastness to Perspiration*.

This Method adopts artificial perspiration solution to simulate the action of human perspiration for tests. During the tests, the color of leather might change; the adjacent fabrics might be stained.

Generally speaking, freshly produced human perspiration is weakly acidic, then, microorganisms would trigger it to change; pH is usually weakly alkaline (pH 7.5 ~ 8.5). Alkaline perspiration has a greater effect on the color of leather than acid perspiration. Therefore, alkaline perspiration is usually used, instead of acid perspiration, to simulate the most common conditions in practice.

Since the perspiration of different people varies, it is impossible to design a generally effective method. However, the result of artificial alkaline perspiration test stipulated in this Standard is consistent with most natural perspirations.

In the international standard ISO 11641:1993, Appendix A recommends commercial sources for apparatus and materials used in the test method in this Standard; Appendix B states the title and serial No. of IUF international standards that are related with this Standard, and they are not quoted in this Standard.

This Standard was proposed by Industry Management Division of China Light Industry Bureau.

This Standard shall be under the jurisdiction of National Technical Committee on Leather of Standardization Administration of China.

The responsible drafting organization of this Standard: China Leather Industry Research Institute.

The main drafters of this Standard: Zhao Ligu, Weng Yizhao, Liying.

Leather - Tests for Color Fastness - Color Fastness to Perspiration

1 Scope

This Standard stipulates the determination method for leather's color fastness to perspiration.

This Standard is applicable to all leather in various processing stages, especially clothing, gloving and lining leathers. Meanwhile, it is also applicable to leather for the uppers of unlined shoes.

2 Normative References

Through the reference in this Standard, the clauses contained in the following standards become clauses of this Standard. When this Standard is published, all the indicated versions are valid. Since all the standards might be amended, all parties adopting this Standard shall probe into the possibility of using the latest version of the following standards.

GB 250-1995 *Gray Scale for Assessing Changing in Color*;

GB 251-1995 *Gray Scale for Assessing Staining*;

GB/T 6682-92 *Water for Analytical Laboratory Use - Specification and Test Methods*;

GB 11404-89 *Textiles - Tests for Color Fastness - Specification for Standard Adjacent Fabrics: Multifiber*;

*QB/T 3812.2-99 *Leather - Conditioning of Test Pieces for Physical Tests*

NOTE: "*" signifies: see GB 4689.2-84 for the content of the standard.

3 Principle

Respectively soak leather sample and adjacent fabrics in artificial perspiration solution. Then, closely cling the sample to the adjacent fabrics to make a composite sample; place it in a suitable apparatus. Maintain it at a certain temperature and pressure; reserve it for a specified time. Then, dry the leather sample and the adjacent fabrics. Use standard gray scale to assess the degree of color change of the leather sample

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----