

ICS 61.060
CCS Y78



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 25038-2024

Replacing GB 25038-2010

General safety requirements for footwear

鞋类通用安全要求

Issued on: May 28, 2024

Implemented on: June 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

1	Scope
2	Normative references
3	Terms and definitions
4	Technical requirements
4.1	Requirements for nail tip and broken needles
5	Instruments and equipment
5.1	Nail tips and broken needles
5.4	Formaldehyde
5.6	Chlorophenol
5.8	Short-chain chlorinated paraffins
6	Judgment
7	Implementation of the Standard
11	References...
	Appendix A

Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 Directives for standardization - Part

1. Rules for the structure and drafting of standardizing documents. This document replaces GB 25038-2010 Rubber shoes healthy and safe specification and integrates the mandatory contents of GB 21536-2008 Athletic shoes and GB 25037- 2010 Industrial rubber boots. Compared with GB 25038-2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of the Standard is changed (see Chapter 1; see Chapter 1 of the 2010 edition);
- b) The requirements and test methods for "nail tips and broken needles" are added (see
- c) The requirements and test methods for "hexavalent chromium" are added (see
- d) The requirements and test methods for "pH value" are deleted (see Chapter 5 and 6.1 of the 2010 edition);
- e) The requirements and test methods for "free formaldehyde" are changed (see

4.2 and 5.4; see Chapter 5 and

6.2 of the 2010 edition);

f) The requirements and test methods for "heavy metals that may be extracted" are deleted (see Chapter 5 and

6.3 of the 2010 edition);

g) The requirements and test methods for "dyes that may decompose carcinogenic aromatic amines" are changed (see

4.2 and 5.3; see Chapter 5 and

1 Scope

GB 25038-2024 is the Chinese national standard on general safety requirements for footwear, in the field of clothing industry. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 28 May 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 June 2025. Classification: ICS 61.060, CCS Y78. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the terms and definitions related to footwear, stipulates the technical requirements and judgments for the general safety of footwear, and describes the corresponding test methods. This document applies to footwear products made of various materials. This document does not apply to protective shoes (boots), as well as footwear worn by children 14 years old and below.

2 Normative references

The provisions of the following documents constitute the essential clauses of this document through normative references in this text. Among them, for referenced documents with dates, only the versions corresponding to the dates are applicable to this document; for referenced documents without dates, the latest versions (including all amendments) are applicable to this document.

GB/T 2703 Footwear - Vocabulary

GB/T 2912.1 Textiles - Determination of formaldehyde - Part

3 Terms and definitions

The terms and definitions defined in GB/T 2703 and the following apply to this document.

3.1 accessible An articulated accessible probe is used to reach the part or component to be tested on the shoe;

4.1 Requirements for nail tip and broken needles

4.2 Chemical substance limit requirements The chemical substance limit requirements are shown in Table 1.

5.1 Nail tips and broken needles

5.2 Hexavalent chromium Different samples shall be tested separately according to GB/T 22807 or GB/T 38402. In case of any dispute, the test results according to GB/T 38402 shall prevail.

5.3 Dyes that may decompose carcinogenic aromatic amine

5.3.1 Different samples shall be tested separately. If the lining and upper cannot be separated, they shall be tested together according to the test method for the lining material. For samples with other materials attached to the back, the other materials attached to the back shall be completely peeled off before testing. If it is really difficult to remove, the situation shall be noted in the report.

5.4 Formaldehyde

5.4.1 Sample preparation is the same as in 5.3.1.

5.5 Dimethyl fumarate Different samples shall be tested separately according to GB/T 26713.

5.6 Chlorophenol

5.7 Phthalates Different samples shall be tested separately according to GB/T 32440.1. For samples with other materials attached to the back, the other materials attached to the back shall be completely peeled off before testing. If it is really difficult to remove, the situation shall be noted in the report.

5.8 Short-chain chlorinated paraffins

5.8.1 Sample preparation is the same as in 5.3.1.

5.8.2 Textiles shall be inspected in accordance with GB/T 40263; leather, fur, artificial leather and synthetic leather shall be inspected in accordance with GB/T 38405;

6 Judgment

The judgment shall be carried out according to Chapter 4.

7 Implementation of the Standard

For products produced or imported before the implementation of this document, implementation will begin on the 19th month from the implementation date of this document.

Appendix A

(normative) List of carcinogenic aromatic amines that may be decomposed from dyes