

ICS 61.060
CCS Y78



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

GB 30585-2024

Replacing GB 30585-2014

**Safety technical specifications for infants' and children's
footwear**

童鞋安全技术规范

Issued on: May 28, 2024

Implemented on: June 1, 2025

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

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1 Scope

GB 30585-2024 is the Chinese national standard on safety technical specifications for infants' and children's 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 of infants' and children's footwear safety; specifies product classification, technical requirements, judgments; describes the

corresponding test methods. This document applies to footwear products made of various materials for children under 14 years old (inclusive) and infants.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in the text. Among them, for dated references, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies to this document.

GB/T 2703 Footwear - Terminology

GB/T 2912.1 Textiles - Determination of formaldehyde - Part

3 Terms and definitions

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

3.1 Accessible When using the articulated accessible probe to reach the part or component to be tested on the shoe, if any part before the axis-shoulder can touch the part or component on the shoe, it can be determined as accessible. [Source: GB 6675.2-2014, 5.7.1, modified]

3.2 Sharp edge The edge, which is formed by the connection between the two surfaces of any part of the children's shoes with a length of more than 2.0 mm that may cause harm to the user.

3.3 Sharp point The protruding point on any part of the children's shoes that may cause harm to the user.

3.4 Removable small accessory Parts or components of a shoe that are designed to be removed without tools. [Source: GB 6675.2-2014, 3.43, modified]

3.5 Children's footwear Shoes which have a size greater than 170 and are generally suitable for children aged 3 to 14 years old. [Source: GB/T 2703-2017, 2.2.10, modified]

3.6 Infants' footwear Shoes which have a size not greater than 170 and are generally suitable for infants aged 3 years and below. [Source: GB/T 2703-2017, 2.2.44, modified]

4 Product classification

Children's footwear is divided into the following two categories according to the wearer.

5.1 Basic requirements

5.1.1 There shall be no broken needles inside or outside the shoe.

5.2 Requirements for small accessories of infant shoes

5.2.1 Removable small accessories shall not be completely accommodated in the small parts tester.

5.2.2 Small accessories that fall off after the specified tensile test (including accessory fragments that fall off during the tensile test and accessories that fall off together with the upper material) shall not have accessible sharp edges and sharp points; they shall not be completely accommodated in the small parts tester.

5.2.3 Small accessories that are damaged but not detached after the tensile test shall not have accessible sharp edges and sharp points.

5.3 Chemical substance limit requirements Chemical substance limit requirements are as shown in Table 1.

6 Test methods

6.1 Broken needles Detect broken needles using a metal detector and/or visual inspection, hand touching, etc.

6.2 Accessible sharp edges and sharp points Inspect according to

5.9 of GB 6675.2-2014, respectively.

6.3 Effective heel height The difference -- between the vertical distance from the rear end of the insole at the heel and the lowest point of the insole at the metatarsophalangeal area to the ground -- is the effective heel height. Measure it using an appropriate measuring tool, which has an accuracy of not less than 1 mm.

6.4 Small accessories for infant and children shoes

6.5 Hexavalent chromium Different samples shall be tested separately and in accordance with GB/T 22807 or GB/T 38402. In case of dispute, the test result of GB/T 38402 shall prevail.

6.6 Decomposable carcinogenic aromatic amine dyes

6.6.1 Different samples shall be tested separately. If the lining and upper cannot be separated, they shall be tested together in accordance with the test method of the lining material. For the samples to be tested 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.

6.6.2 Textiles, artificial leather, synthetic leather shall be tested in accordance with GB/T 17592; leather and fur shall be tested in accordance with GB/T 19942.

6.7 Formaldehyde

6.8 Total amount of heavy metals Different samples shall be inspected separately according to QB/T 4340.

6.9 Dimethyl fumarate Different samples shall be inspected separately according to GB/T 26713.

6.10 Chlorophenol

6.11 N-nitrosamines Different samples shall be inspected separately in accordance with ISO 19577.2019.

6.12 Phthalates Different samples shall be tested separately. 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. It is inspected in accordance with GB/T 32440.1.

7 Determination

Determination shall be made in accordance with Chapter

5. If all the test results meet the requirements of Chapter 5, the sample shall be judged as qualified; otherwise, it shall be unqualified.

8 Implementation of the standard

For products produced or imported before the implementation date of this document, implementation shall begin from the 13th month from the date of implementation of this document.

Appendix A

(Normative) List of decomposable carcinogenic aromatic amines Table A.1 gives a list of carcinogenic aromatic amines that may be decomposed from dyes under reducing conditions.

Appendix B

(Normative) List of banned N-nitrosamine substances in rubber parts Table B.1 gives the list of banned N-nitrosamine substances in rubber parts.