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

GB/T 44939-2024

Guidelines for quality grading of consumer products - Footwear

消费品质量分级导则 鞋类

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by China Light Industry Federation. This document is under the jurisdiction of the National Technical Committee for Standardization of Footwear (SAC/TC305). This document was drafted by: Anta (China) Co., Ltd., China Leather Footwear Research Institute Co., Ltd., Topscore Fashion Co., Ltd., Jian Medical Supplies Co., Ltd., Taizhou Baolite Shoes Co., Ltd., Hangzhou Jinuopu Children's Shoes Technology Research Institute, Duyu (Shanghai) Information Service Services Co., Ltd., Fujian Zhenlong Shoes Co., Ltd., and China Light Industry Inspection and Certification Co., Ltd. The main drafters of this document are: Li Su, Shao Lijun, He Zuojun, Zheng Lanzhong, Zhao Dong, Shao Shuangshuang, Li Dan, Zhang Zhenxian, Chen Xing, You Jianfang, Liu Pengfei and Yan Junhui. Guidelines for the classification of quality of consumer goods - Footwear

1 Scope

GB/T 44939-2024 gives the Chinese guidelines for grading the quality of footwear, within the consumer product quality grading programme. Footwear is the classic case the programme was designed for: China makes most of the world's shoes, the price range in any Chinese shop spans an order of magnitude, and a buyer cannot tell from the shelf whether the sole will separate after a season. The standard sets the grading indicator system and the grades, with the requirements at each: the peel strength of the sole bond and the attachment of components, which is the failure that ends most shoes, the flex resistance of the sole and the upper, the abrasion and slip resistance, the colour fastness and the water resistance of the materials, the dimensional and workmanship quality, the comfort-related properties and the chemical requirements on the materials in contact with the foot. It then sets the evaluation method and the rules by which a grade may be claimed and substantiated. It takes effect on 1 June 2025.

This document specifies the classification, determination and labeling requirements for the functional indicators of footwear and footwear components and describes the corresponding test methods. This document applies to the classification of functional indicators of various footwear and footwear components.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 2703 Footwear Terminology

GB/T 3903.6 Test method for whole shoe anti-slip performance

GB/T 16641 Footwear test method for dynamic waterproof performance of whole shoes

GB/T 21284-2015 Test method for thermal insulation of whole shoes

GB/T 33393-2023 Test methods for whole shoes for footwear - Determination of thermal resistance and moisture resistance

GB/T 33610.2 Determination of deodorizing properties of textiles Part

3 Terms and definitions

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

3.1 Quality The degree to which a set of inherent characteristics of a consumer product meets requirements.

Note. Characteristics refer to distinguishable features, including physical, sensory, temporal, ergonomic and functional characteristics. [Source: GB/T 44164-2024, 3.2]

3.2 Quality Grading The process of grading product quality through scientific evaluation and making product quality information clear. [Source: GB/T 44164-2024, 3.3]

3.3 Water repelency Water repellency The surface of the upper material has the property of resisting being wetted by water. [Source: QB/T 4548-2013, 3.3, modified]