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

**GB 45834-2025**

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**Police ballistic resistance of body armors**

警用防弹衣

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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 is proposed and coordinated by the Ministry of Public Security of the People's Republic of China. Police bulletproof vest

### 1 Scope

GB 45834-2025 is the Chinese national standard on police ballistic resistance of body armors, in the field of environment and health protection, safety. 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 30 May 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2025. Classification: ICS 13.340.10, CCS A 94. 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 terminology of police bulletproof vests, specifies the grades, classifications and codes, technical requirements, inspection rules, quality assurance regulations and Packaging, transportation and storage, describes the test methods. This document applies to the research and development, production, inspection and acceptance of police bulletproof vests.

### 2 Normative references

The contents of the following documents constitute the 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 250 Textiles - Grey scale for colour fastness tests

GB/T 4744-2013 Testing and evaluation of the waterproof performance of textiles - Hydrostatic pressure method

GB/T 44951-2024 V50 test method for ballistic materials and products GA261 Police uniform for men, spring, autumn and winter

### 3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Equipment that can absorb and dissipate the energy of the bullet, prevent penetration, reduce blunt trauma and effectively protect the protective parts of the human body.

Note. Includes bulletproof vest jacket, torso bulletproof layer components, bulletproof inserts and bulletproof vest accessories. [Source: GB/T 44960-2024, 5.3.1, modified]

3.2 Armor panel A protective structure that effectively prevents bullet penetration and reduces blunt trauma to the human body.

Note. Includes bulletproof layer, buffer layer and bulletproof layer protective cover.

3.3 Bulletproof layer ballistic panel A structure composed of ballistic materials that absorbs and dissipates energy and prevents bullet penetration. [Source: GB/T 44960-2024, 5.3.1.1, modified]

3.4 Traumaplate A structure placed behind the bulletproof layer to reduce the blunt trauma to the human body caused by the impact of blocked bullets. [Source: GB/T 44960-2024, 5.2.1.5, modified]