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

GB 45186-2024

**Requirements of restricting excessive packaging in express
delivery**

限制快递过度包装要求

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Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 General Requirements	1
5 Technical Requirements	2
6 Detection Methods	4
5 References	6

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 State Post Bureau. Limiting the requirements for excessive packaging of express delivery

1 Scope

GB 45186-2024 is the Chinese national standard on requirements of restricting excessive packaging in express delivery, in the field of services and company organization. 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 31 December 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2026. Classification: ICS 03.240, CCS M83. 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 specifies the requirements and judgment rules for limiting excessive packaging in express delivery and describes the detection methods. This document applies to non-recyclable express packaging entering express delivery channels. This document is not intended for correspondence.

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 43352 Limits of heavy metals and specific substances in express packaging

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 express contents Items sent by users that require additional express packaging.

Note. The original packaging is product packaging, and the product is the express item.

3.2 Original packaging originalpackage The packaging meets the functional requirements of express packaging and does not require express packaging during the collection and delivery process.

3.3 Packaging used to protect the safety of express items and facilitate storage and transportation.

Note. Express packaging includes packaging supplies, thermal insulation packaging, fillers, auxiliary materials, etc. [Source: GB 43352-2023, 3.1, modified]

3.4 The express packaging box adaptability, number of packaging layers, and amount of sealing tape used exceed the requirements.

4 General requirements

4.1 Reduction Under the premise of meeting the needs of delivery activities and protecting the safety of express items, use reduced packaging, reduce the number of express packaging layers and sealing glue With usage.