International Standard

ISO 6591-1

Second edition
2026-04

Packaging — Dimensions and method of measurement —

Part 1: Empty paper sacks

Emballages — Dimensions et méthode de mesurage —

Partie 1: Sacs en papier vides

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 122, *Packaging*, Subcommittee SC 3, *Performance requirements and tests for means of packaging, packages and unit* loads, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 261, *Packaging,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 6591-1:1984), which has been technically revised.

The main changes are as follows:

— figures have been updated and supplemented with additional details to improve clarity and accuracy;

— specific procedural requirements have been clarified for sacks with and without a moisture barrier;

— the test report has been enhanced with additional information requirements.

A list of all parts in the ISO 6591 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Packaging — Dimensions and method of measurement —

Part 1:
Empty paper sacks

1 Scope

This document specifies the dimensions of empty paper sacks and specifies a method of measuring those dimensions.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6590-1, *Packaging — Vocabulary — Part 1: Paper sacks*

ISO 6599-1, *Packaging — Conditioning for testing — Part 1: Paper sacks*

ISO 7023, *Packaging — Sacks — Method of sampling empty sacks for testing*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6590-1 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
length of sack
a
distance between the transverse edges of the sack, measured at the sack centre, perpendicular to the bottom

3.2
width of sack
b
distance between the longitudinal edges of the sack, measured at the sack centre, parallel to the bottom

3.3
width of bottom
c
distance between the two bottom edge-folds, measured at the centre, parallel to sack length

Note 1 to entry: In case of valved sacks, the bottoms will be defined as "c_1", the bottom where the valve will be placed, and "c_2", the other bottom.