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# International Standard 6591/2

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## **Packaging — Sacks — Description and method of measurement — Part 2 : Empty sacks made from thermoplastic flexible film**

*Emballages — Sacs — Description et méthode de mesurage — Partie 2 : Sacs vides faits d'un film thermoplastique flexible*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 6591/2 was prepared by Technical Committee ISO/TC 122, *Packaging*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

# Packaging — Sacks — Description and method of measurement — Part 2 : Empty sacks made from thermoplastic flexible film

## 1 Scope and field of application

This part of ISO 6591 specifies a method for measuring and expressing the dimensions of empty sacks of thermoplastic flexible film. It is primarily intended for application to plastic sacks as specified in ISO 6590/2.

NOTE — ISO 6591/1 is intended for application to empty paper sacks.

## 2 References

ISO 6590/2, *Packaging — Sacks — Vocabulary and types — Part 2 : Sacks made from thermoplastic flexible film.*

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

## 3 Definitions

For the purposes of this part of ISO 6591, the following definitions apply.

### NOTES

- 1 Some of these definitions are repeated from ISO 6591/1 for convenience.
- 2 Unless otherwise specified, references are to external dimensions.
- 3 The symbols used are those shown in clause 4.

**3.1 length of sack,  $a$  :** Distance between the transverse edges of the flat sack, measured at the centre, perpendicular to the bottom.

**3.2 width of sack,  $b$  :** Distance between the longitudinal edges of the flat sack, measured at the centre, parallel to the bottom.

**3.3 width of gusset,  $e$  :** Distance between the external creases of the unfolded gusset.

**3.4 width of bottom,  $c$  :** Distance between the two bottom edge-folds, measured at the centre, parallel to the sack length.

**3.5 width of valve,  $v$  :** Internal dimension of the valve between the folds of the valve or the valve sleeve or, in the case of a heat sealed sack, between the valve fold and the adjacent seal.

**3.6 length of valve,  $f$  for**

**3.6.1 heat sealed sacks :** Distance between the outermost edge of the sack and the innermost edge of the valve/sleeve, measured parallel to the bottom.

**3.6.2 pasted sacks :** Distance between the outermost edge of the sack and the innermost edge of the valve sleeve minus half of bottom width, measured at the centre, parallel to the bottom.

**3.7 length of valve sleeve,  $l$  :** Longitudinal dimension of internal or external sleeve, parallel to the bottom.

**3.8 heat seal distance,  $n$  :** Distance of the heat seal from the sack edge, measured perpendicular to the seal. The measurement includes the width of the seal. The internal length of the sack is thus  $a_{\text{int}} = a - n$ .

## 4 Description and dimensional designation

The sacks shall be described by the successive indication of their type (open-mouth heat sealed flat sack, valved pasted sack, etc.) and their dimensions as specified in 4.1 and 4.2.

### 4.1 Open-mouth sacks

#### 4.1.1 Open-mouth heat sealed flat sack

Sack width,  $b$ /sack length,  $a$  (see figure 1).

NOTE — The sack may be provided with diagonal corner seals.

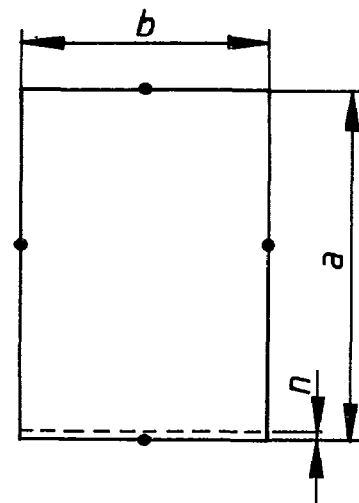


Figure 1 — Open-mouth heat sealed flat sack