

---

**Embalaža - Vreče - Opis in metode merjenja - 1. del: Prazne papirnate vreče (ISO 6591-1:1984)**

Packaging - Sacks - Description and method of measurement - Part 1: Empty paper sacks (ISO 6591-1:1984)

Packmittel - Säcke - Beschreibung der Maße und des Meßverfahrens - Teil 1: Leere Papiersäcke (ISO 6591-1:1984)

Emballages - Sacs - Description et méthode de mesurage - Partie 1: Sacs vides en papier (ISO 6591-1:1984)

[SIST EN 26591-1:1998](https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-88103130fea2/sist-en-26591-1-1998)

[https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-](https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-88103130fea2/sist-en-26591-1-1998)

[88103130fea2/sist-en-26591-1-1998](https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-88103130fea2/sist-en-26591-1-1998)

**Ta slovenski standard je istoveten z: EN 26591-1:1992**

---

**ICS:**

55.080

Vreče. Vrečke

Sacks. Bags

**SIST EN 26591-1:1998**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 26591-1:1998

<https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-88103130fea2/sist-en-26591-1-1998>

**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 26 591-1**

November 1992

UDC 621.798.151-035.4

Descriptors: Packing, paper packaging, paper sacks, description, dimensional measurements.

**English version**

Packaging

**Sacks**

Description and method of measurement

Part 1: Empty paper sacks

(ISO 6591-1 : 1984)

Emballages; sacs; description et  
 méthode de mesurage.

Partie 1: Sacs vides en papier  
 (ISO 6591-1 : 1984)

Packmittel; Säcke; Beschreibung der  
 Maße und des Meßverfahrens.

Teil 1: Leere Papiersäcke  
 (ISO 6591-1 : 1984)

This European Standard was approved by CEN on 1992-10-30 and is identical to the ISO Standard as referred to.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. (standards.iteh.ai)

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**

European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

## Foreword

In 1991, International Standard

ISO 6591-1 : 1984 Packaging; sacks; description and method of measurement; empty paper sacks was submitted to the CEN PQ procedure.

Following the positive result of the PQ, CEN/BT agreed to submit ISO 6591-1 : 1984, without modifications, to Formal Vote. The result was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by May 1993 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## Endorsement notice

The text of the International Standard ISO 6591-1 : 1984 was approved by CEN as a European Standard without any modification.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 26591-1:1998

<https://standards.iteh.ai/catalog/standards/sist/220930d5-4a98-4c1b-90c7-88103130fea2/sist-en-26591-1-1998>

## 1 Scope and field of application

This part of ISO 6591 fixes the description and the dimensional designation of empty paper sacks and specifies the method of measuring those dimensions. It is primarily intended for application to paper sacks as specified in ISO 6590/1.

## 2 References

ISO 6590/1, *Packaging — Sacks — Vocabulary and types — Part 1 : Paper sacks.*

ISO 6599/1, *Packaging — Sacks — Conditioning for testing — Part 1 : Paper sacks.*

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

## 3 Definitions

NOTE — Unless otherwise stated, all dimensions in this clause are external. They shall be expressed in millimetres, to the nearest 1 mm.

For the purpose of this International Standard the following symbols and definitions apply.

**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 opened out gusset.

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

**3.5 width of valve,  $g$  :** Internal dimension of the valve between the valve edge-folds or, in the case of a sewn sack, between the valve edge-fold and the adjacent stitch line.

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

**3.6.1 sewn sack :** 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 hexagonal bottom sack :** 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,  $i$  :** Longitudinal dimension of internal or external sleeve, parallel to the bottom.

**3.8 width of valve sleeve,  $v$  :** Inner measurement of the sleeve across the bottom, or in the case of a sewn sack between the inner edge of the sleeve and the adjacent stitch line.

**3.9 sewing line distance,  $n$  :** Distance of the sewn closure from the sack edge, measured perpendicular to the closure.

**3.10 length of closure turn over,  $p$  :** Length of the open flap on a turn over bottom sack, measured at the centre, perpendicular to closure.

## 4 Description and dimensional designation

Sacks are described by an indication of their type (open-mouth sewn flat sack, valved sewn flat sack, etc.), followed by the dimensions as indicated in 4.1 and 4.2.

NOTE — All figures shown in 4.1 and 4.2 are of completed sacks with the manufacturer's closure.

## 4.1 Open-mouth sack

### 4.1.1 Open-mouth sewn flat sack

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

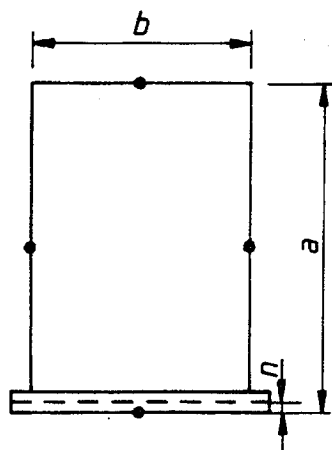


Figure 1

### 4.1.3 Open-mouth pasted flat hexagonal bottom sack

Sack width  $b$  / sack length  $a$  / width of bottom  $c$  (see figure 3).

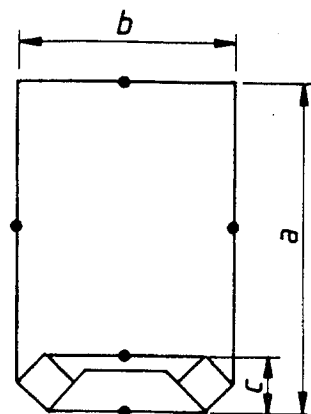


Figure 3

### 4.1.2 Open-mouth sewn gusseted sack

Sack width  $b$  / width of gusset  $e$  / sack length  $a$  (see figure 2).

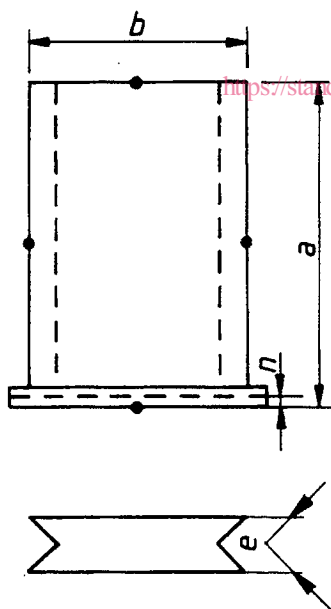


Figure 2

NOTE — Gusset diagram also applies to figures 5, 6 and 8.

### 4.1.4 Open-mouth pasted flat turn over bottom sack

Sack width  $b$  / sack length  $a$  / length of closure turn over,  $p$  (see figure 4).

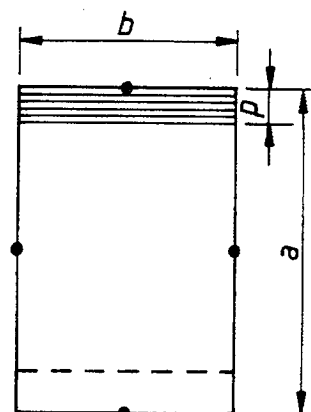
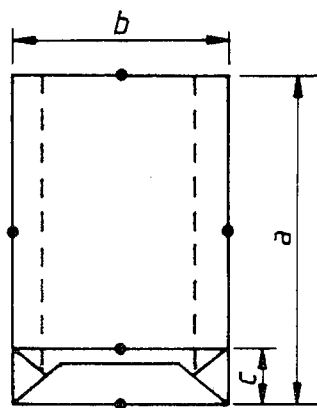


Figure 4

**4.1.5 Open-mouth pasted gusseted rectangular bottom sack**

Sack width  $b$  / width of gusset  $e$  / sack length  $a$  / width of bottom  $c$  (see figure 5).

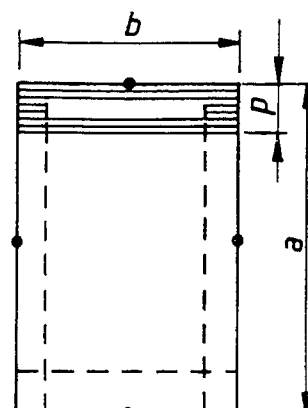


NOTE — Dimension  $e$  is shown in figure 2.

Figure 5

**4.1.6 Open-mouth pasted gusseted turn over bottom sack**

Sack width  $b$  / width of gusset  $e$  / sack length  $a$  / length of open flap  $p$  (see figure 6).



NOTE — Dimension  $e$  is shown in figure 2.

Figure 6

## iTeh STANDARD PREVIEW (standards.iteh.ai)

**4.2 Valved sack****4.2.1 Valved sewn flat sack**

SIST EN 26591-1:1998

Sack width  $b$  / sack length  $a$  / width of valve  $g$  (width of valve sleeve  $v$ ) / length of valve  $f$  / (length of valve sleeve  $i$ ) (see figure 7).

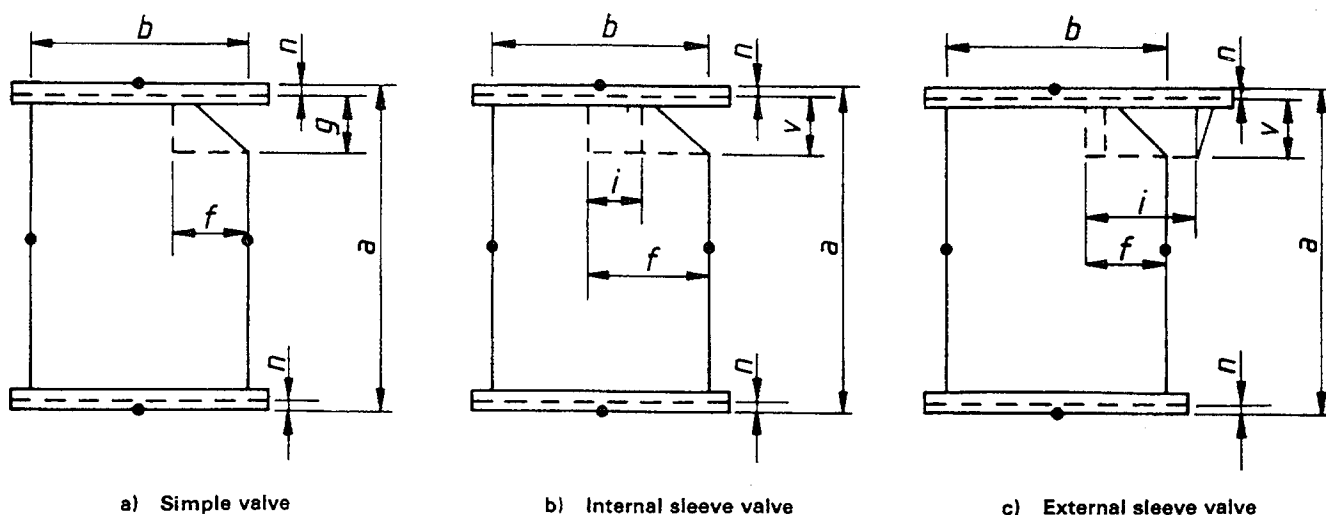
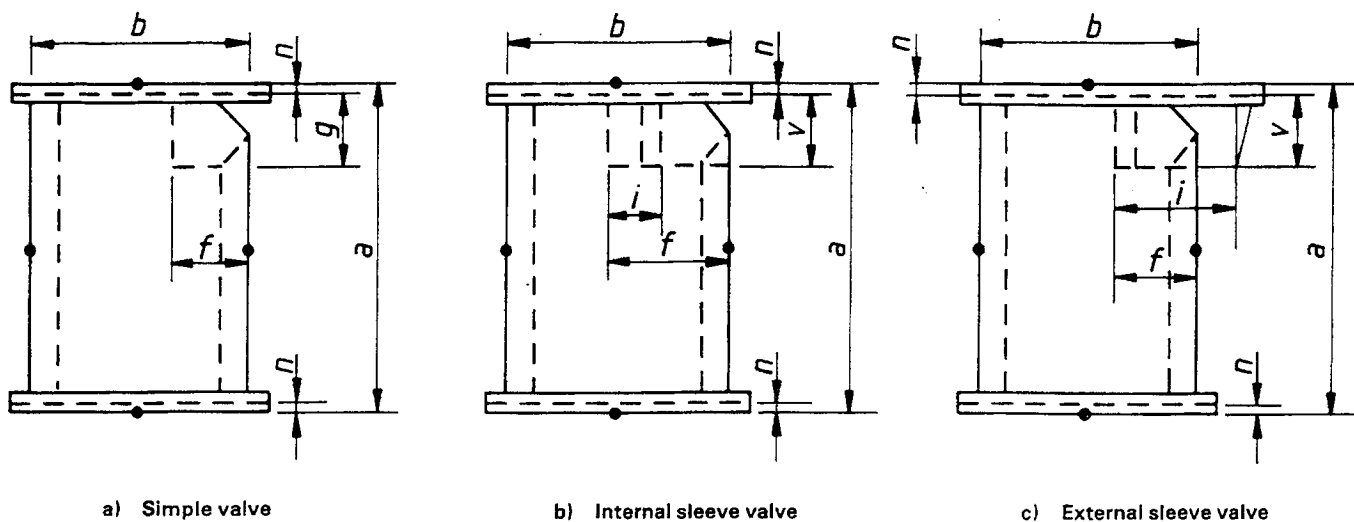


Figure 7

### 4.2.2 Valved sewn gusseted sack

Sack width  $b$  / width of gusset  $e$  / sack length  $a$  / width of valve  $g$  (width of valve sleeve  $v$ ) / length of valve  $f$  / (length of valve sleeve  $i$ ) (see figure 8).



NOTE — Dimension  $e$  is shown in figure 2.

Figure 8

iTeh STANDARD PREVIEW

### 4.2.3 Valved pasted flat hexagonal ends sack (standards.iteh.ai)

Sack width  $b$  / sack length  $a$  / width of bottom  $c$  / width of valve  $g$  (width of valve sleeve  $v$ ) / length of valve  $f$  / (length of valve sleeve  $i$ ) (see figure 9).

#### NOTES

1 The figure represents one type of valve but there are a number of alternative valve designs possible with this type of sack.

2 The two ends of a pasted valve sack can differ in width; in this case, the end with the valve shall be designated first :

$b/a/c_1/c_2/g(v)/f/(i)$

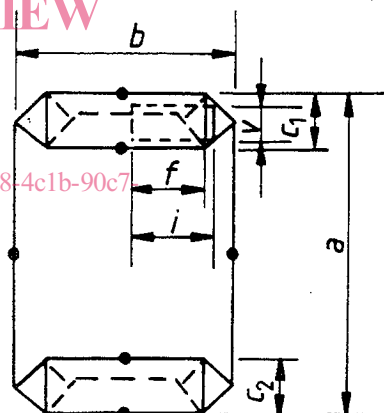


Figure 9

Table — Summary of descriptions and dimensional designations of paper sacks

Clause	Description	Dimensional designation
4.1.1	Open-mouth sewn flat sack	$b/a$
4.1.2	Open-mouth sewn gusseted sack	$b/e/a$
4.1.3	Open-mouth pasted flat hexagonal bottom sack	$b/a/c$
4.1.4	Open-mouth pasted flat turn over bottom sack	$b/a/p$
4.1.5	Open-mouth pasted gusseted rectangular bottom sack	$b/e/a/c$
4.1.6	Open-mouth pasted gusseted turn over bottom sack	$b/e/a/p$
4.2.1	Valved sewn flat sack	$b/a/g(v)/f/(i)$
4.2.2	Valved sewn gusseted sack	$b/e/a/g(v)/f/(i)$
4.2.3	Valved pasted flat hexagonal ends sack	$b/a/c/g(v)/f/(i)$