INTERNATIONAL STANDARD

ISO 8367-2

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Packaging — Dimensional tolerances for general purpose sacks —

Part 2:
Sacks made from thermoplastic flexible film

Emballages — Tolérances dimensionnelles des sacs d'usage général — Partie 2: Sacs faits d'un film thermoplastique flexible

Reference number
ISO 8367-2:1993(E)

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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8367-2 was prepared by Technical Committee ISO/TC 122, *Packaging*, Sub-Committee SC 2, *Sacks*.

ISO 8367 consists of the following parts, under the general title *Packaging — Dimensional tolerances for general purpose sacks*:

— *Part 1: Paper sacks*

— *Part 2: Sacks made from thermoplastic flexible film*

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Packaging — Dimensional tolerances for general purpose sacks —

Part 2:
Sacks made from thermoplastic flexible film

1 Scope

This part of ISO 8367 specifies a set of tolerances applicable to the manufacture of sacks made from thermoplastic flexible film as defined in ISO 6590-2.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8367. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8367 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4593:1993, *Plastics — Film and sheeting — Determination of thickness by mechanical scanning.*

ISO 6590-2:1986, *Packaging — Sacks — Vocabulary and types — Part 2: Sacks made from thermoplastic flexible film.*

ISO 6591-2:1985, *Packaging — Sacks — Description and method of measurement — Part 2: Empty sacks made from thermoplastic flexible film.*

ISO 7023:1983, *Packaging — Sacks — Method of sampling empty sacks for testing.*

3 Tolerances

Sacks to be measured shall be sampled in accordance with ISO 7023.

The thickness of the plies shall be measured in accordance with ISO 4593.

The dimensions shall be described and measured in accordance with ISO 6591-2. The tolerances of the dimensions shall be within the limits specified in table 1.

Table 1 — Tolerances on the dimensions of sacks made from thermoplastic flexible film

Dimensions in millimetres

Description	Symbol	Tolerance
Thickness of plies		
thickness < 50 µm	—	± 15 %
thickness > 50 µm	—	± 10 %
Length of sack	*a*	± 10
Width of sack	*b*	± 5
Width of gusset	*e*	± 5
Circumference of sack with gussets	—	± 10
Width of bottom	*c*	± 5
Width of valve	*g*	
pasted valve		$^{+5}_{0}$
heat-sealed valve		$^{+10}_{0}$
Position of the leading edge of the valve sleeve (from the sack edge)	*l*	± 5
Length of the valve sleeve	*i*	± 5
Print position on sack		
in the direction of length	—	± 20
in the direction of width	—	± 15

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