



SLOVENSKI STANDARD
SIST EN ISO 11897:2002
01-januar-2002

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Packaging - Sacks made from thermoplastic flexible film - Tear propagation on edge folds (ISO 11897:1999)

Verpackung - Säcke aus thermoplastischer Kunststoffolie - Weiterreißfestigkeit an Falzkanten (ISO 11897:1999)

Emballages - Sacs faits d'un film thermoplastique flexible - Propagation de la déchirure sur les plis de bordure (ISO 11897:1999)

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 SIST EN ISO 11897:2002
<https://standards.iteh.ai/catalog/standards/sist/3633ca0f-772d-43d8-ae1b-e960c89d8db3/sist-en-iso-11897-2002>

Ta slovenski standard je istoveten z: EN ISO 11897:2001

ICS:

55.080 X!^ ^Z!^ \^ Sacks. Bags

SIST EN ISO 11897:2002 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11897

June 2001

ICS 55.080

English version

Packaging - Sacks made from thermoplastic flexible film - Tear propagation on edge folds (ISO 11897:1999)

Emballages - Sacs faits d'un film thermoplastique flexible -
Propagation de la déchirure sur les plis de bordure (ISO
11897:1999)

Verpackung - Säcke aus thermoplastischer Kunststoffolie -
Weiterreißfestigkeit an Falzkanten (ISO 11897:1999)

This European Standard was approved by CEN on 11 May 2001.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre 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 Management Centre has the same status as the official versions.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

CORRECTED 2001-08-15

Foreword

The text of the International Standard from Technical Committee ISO/TC 122 "Packaging" of the International Organization for Standardization (ISO) has been taken over as a European Standard by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2001, and conflicting national standards shall be withdrawn at the latest by December 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 11897:1999 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 527-3	1995	Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets	EN ISO 527-3	1995
ISO 2233	1994	Packaging - Complete, filled transport packages - Conditioning for testing	EN ISO 2233	1999

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INTERNATIONAL
STANDARD

ISO
11897

First edition
1999-03-01

**Packaging — Sacks made from
thermoplastic flexible film — Tear
propagation on edge folds**

*Emballages — Sacs faits d'un film thermoplastique flexible — Propagation
de la déchirure sur les plis de bordure*

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Reference number
ISO 11897:1999(E)

ISO 11897:1999(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 11897 was prepared by Technical Committee ISO/TC 122, *Packaging*, Subcommittee SC 2, *Sacks*.

Annex A is for information only.

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Printed in Switzerland

Packaging — Sacks made from thermoplastic flexible film — Tear propagation on edge folds

1 Scope

This International Standard specifies a method for the determination, under given conditions, of the resistance to tear propagation on an edge fold of sacks made from thermoplastic flexible film. Measurements on folded and unfolded film permit the determination of the residual resistance in the fold.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 527-3:1995, *Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets*.

ISO 2233:1994, *Packaging — Complete filled transport packages — Conditioning for testing*.

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

3 Terms and definitions

For the purposes of this International Standard, the following terms and definitions apply.

3.1

resistance to tear propagation

force that opposes tear propagation in a trapezoidal specimen with an incision and a perforation as shown in Figure 1

3.2

residual resistance

percentage calculated by the equation

$$F_{\text{fold}} / F_{\text{film}} \times 100 \%$$

where