



# SLOVENSKI STANDARD SIST EN ISO 1924-2:2000

01-april-2000

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Paper and board - Determination of tensile properties - Part 2: Constant rate of elongation method (ISO 1924-2:1994)

Papier und Pappe - Bestimmung von Eigenschaften bei zugförmiger Belastung - Teil 2: Verfahren mit konstanter Dehngeschwindigkeit (ISO 1924-2:1994)

Papier et carton - Détermination des propriétés de traction - Partie 2: Méthode a gradient d'allongement constant (ISO 1924-2:1994)

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Ta slovenski standard je istoveten z: EN ISO 1924-2:1995

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## ICS:

85.060          Papir, karton in lepenka          Paper and board

**SIST EN ISO 1924-2:2000**          en

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EUROPEAN STANDARD

EN ISO 1924-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1995

ICS 85.060

Descriptors: paper, paperboards, tests, tension tests, determination, tensile properties, tensile strength

English version

Paper and board - Determination of tensile  
properties - Part 2: Constant rate of elongation  
method (ISO 1924-2:1994)

Papier et carton - Détermination des propriétés  
de traction - Partie 2: Méthode à gradient  
d'allongement constant (ISO 1924-2:1994)

Papier und Pappe - Bestimmung von Eigenschaften  
bei zugförmiger Belastung - Teil 2: Verfahren  
mit konstanter Dehngeschwindigkeit  
(ISO 1924-2:1994)

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European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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

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Ref. No. EN ISO 1924-2:1995 E

## Foreword

The text of the International Standard ISO 1924-2:1994 has been prepared by Technical Committee ISO/TC 6 "Paper, board and pulps" in collaboration with CEN/TC 172. It has been submitted to Parallel Vote and has been approved on 1994-11-14 as a European Standard.

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of an identical text or by endorsement, at the latest by August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

According to 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, United Kingdom.

## Endorsement notice

The text of the International Standard ISO 1924-2:1994 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications 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).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 187	1990	Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples	EN 20187	1993
ISO 534	1988	Paper and board - Determination of thickness and apparent bulk density or apparent sheet density	EN 20534	1993

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INTERNATIONAL  
STANDARD

**ISO**  
**1924-2**

Second edition  
1994-12-15

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**Paper and board — Determination of  
tensile properties —**

**Part 2:**

Constant rate of elongation method  
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*Papier et carton — Détermination des propriétés de traction —*

*Partie 2: Méthode à gradient d'allongement constant*  
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Reference number  
ISO 1924-2:1994(E)

**ISO 1924-2:1994(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.

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International Standard ISO 1924-2 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This second edition cancels and replaces the first edition (ISO 1924-2:1985), which has been technically revised.

ISO 1924 consists of the following parts, under the general title *Paper and board — Determination of tensile properties*:

- *Part 1: Constant rate of loading method*
- *Part 2: Constant rate of elongation method*

Annex A forms an integral part of this part of ISO 1924.

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International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland



## Introduction

The method specified in this part of ISO 1924 for the determination of tensile properties is related to the method specified in ISO 1924-1.

This method uses a test instrument operating at a constant rate of elongation, whereas the method described in ISO 1924-1 uses a constant rate of application of tensile force which causes failure in a mean time of  $20 \text{ s} \pm 5 \text{ s}$ .

Because of the different principles involved, the comparison of results obtained by using apparatus complying with ISO 1924-1 and this part of ISO 1924 is not recommended. Where such a comparison is necessary, it should only be undertaken when the time to fail is of the same order for the respective tests.

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