



SLOVENSKI STANDARD
SIST EN ISO 1421:1999
01-marec-1999

Gumirane ali plastificirane tekstilije - Ugotavljanje natezne trdnosti in pretržnega raztezka (ISO 1421:1998)

Rubber- or plastics-coated fabrics - Determination of tensile strength and elongation at break (ISO 1421:1998)

Mit Kautschuk oder Kunststoffe beschichtete Textilien - Bestimmung der Zugfestigkeit und der Bruchdehnung (ISO 1421:1998)

Supports textiles revetus de caoutchouc ou de plastique - Détermination de la force de rupture et de l'allongement a la rupture (ISO 1421:1998)

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Ta slovenski standard je istoveten z: EN ISO 1421:1998

ICS:

59.080.40	Površinsko prevlečene tekstilije	Coated fabrics
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SIST EN ISO 1421:1999

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 1421

June 1998

ICS

Descriptors: see ISO document

English version

Rubber- or plastics-coated fabrics - Determination of tensile strength and elongation at break (ISO 1421:1998)

Supports textiles revêtus de caoutchouc ou de plastique -
Détermination de la force de rupture et de l'allongement à
la rupture (ISO 1421:1998)

Mit Kautschuk oder Kunststoffe beschichtete Textilien -
Bestimmung der Zugfestigkeit und der Bruchdehnung (ISO
1421:1998)

This European Standard was approved by CEN on 9 April 1998.

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 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, 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

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

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EN ISO 1421:1998

Foreword

The text of the International Standard ISO 1421:1998 has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

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 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

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 1421:1998 was 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 2231	1989	Rubber- or plastics-coated fabrics - Standard atmospheres for conditioning and testing	EN ISO 2231	1995

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INTERNATIONAL STANDARD

**ISO
1421**

Second edition
1998-06-15

Rubber- or plastics-coated fabrics — Determination of tensile strength and elongation at break

*Supports textiles revêtus de caoutchouc ou de plastique — Détermination
de la force de rupture et de l'allongement à la rupture*

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Reference number
ISO 1421:1998(E)

ISO 1421:1998(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 1421 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*.

This second edition cancels and replaces the first edition (ISO 1421:1977), which has been technically revised.

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International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

Rubber- or plastics-coated fabrics — Determination of tensile strength and elongation at break

WARNING — Persons using this International Standard should be familiar with normal laboratory practice. This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any national regulatory conditions.

1 Scope

1.1 This International Standard describes two methods for the determination of the tensile strength of fabrics coated with rubber or plastics:

Method 1 — the strip test method, which is a method for the determination of tensile strength and elongation at break;

Method 2 — the grab test method, which is a method for the determination of tensile strength only.

1.2 The methods apply to test pieces in equilibrium with specific standard atmospheres for testing, and to wet test pieces.

1.3 Both methods require the use of a constant rate of extension (CRE) tensile-testing machine.

2 Normative references

The following standards contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 2231:1989, *Rubber- or plastics-coated fabrics — Standard atmospheres for conditioning and testing*.

ISO 2286-2:1998, *Rubber- or plastics-coated fabrics — Determination of roll characteristics — Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate*.

ISO 7500-1:1986, *Metallic materials — Verification of static uniaxial testing machines — Part 1: Tensile testing machines*.