

**Kummi või plastiga pealistatud
kangasmaterjalid. Katkevuskoormuse ja
katkevenivuse määramine**

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 1421:2000 sisaldab Euroopa standardi EN ISO 1421:1998 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 10.05.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 1421:2000 consists of the English text of the European standard EN ISO 1421:1998.

This standard is ratified with the order of Estonian Centre for Standardisation dated 10.05.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 59.080.40

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ICS 59.080

Descriptors: Coated fabrics, tensile strength, elongation at break, testing.

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 Kunststoff
beschichtete Textilien – Bestimmung
der Zugfestigkeit und der
Bruchdehnung (ISO 1421 : 1998)

This European Standard was approved by CEN on 1998-04-09.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the 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

International Standard

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

which was prepared by ISO/TC 45 'Rubber and rubber products' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 248 'Textiles and textile products', the Secretariat of which is held by BSI, 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, and conflicting national standards withdrawn, by December 1998 at the latest.

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

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the 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 publications are listed in Annex ZA (normative).

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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.*