

**Kummi või plastiga pealistatud
kangasmaterjalid. Kangarulli omadused.
Osa 2: Materjali, pealistuse ja põhimiku
pindtiheduse määramise meetodid**

Rubber- or plastics-coated fabrics - Determination of roll characteristics - Part 2: Methods for determination of the total mass per unit area, mass per unit area of coating and mass per unit area of substrate

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 2286-2:2000 sisaldab Euroopa standardi EN ISO 2286-2:1998 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 20.03.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 2286-2:2000 consists of the English text of the European standard EN ISO 2286-2:1998.</p> <p>This document is endorsed on 20.03.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>Rahvusvahelise standardi ISO 2286 selles osas antud meetodite järgi määratud põhimikkanga mass ei väljenda tingimata põhimikkanga massi dubleerimata olekus. Meetodid katte eemaldamiseks on kirjeldatud lisas.</p>	<p>Scope:</p>
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ICS 59.080.40

Võtmesõnad: dubleeritud kangad, kangad, katsed, kummiga dubleeritud kangad, mass, massi mõõtmine, määramine, pinnaühiku mass, plastiga dubleeritud kangad, riie, rullid

ICS 59.080.40

Descriptors: Textiles, coated fabrics, roll characteristics, testing.

English version

**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 2286-2 : 1998)

Supports textiles revêtus de
caoutchouc ou de plastique –
Détermination des caractéristiques
des rouleaux – Partie 2: Méthodes de
détermination de la masse surfacique
totale, de la masse surfacique du
revêtement et de la masse surfacique
du support (ISO 2286-2 : 1998)

Mit Kautschuk oder Kunststoff
beschichtete Textilien – Bestimmung
der Rollencharakteristik – Teil 2:
Bestimmung der flächenbezogenen
Gesamtmasse, der flächenbezogenen
Masse der Beschichtung und der
flächenbezogenen Masse des Trägers
(ISO 2286-2 : 1998)

This European Standard was approved by CEN on 1998-04-18.

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 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,

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 2286-2 : 1998 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

Introduction

The total mass per unit area of a material, the mass per unit area of the substrate cloth and the mass per unit area of the coating are quantities which define the basic quality of a coated fabric and determine many of its physical properties. The substrate cloth mass determined by these methods does not necessarily represent the mass of the substrate cloth in the uncoated state. For example, in the case of coated fabrics in which a bonding agent has been used, the substrate cloth mass determined may be substantially higher than the uncoated mass because the prescribed treatment has not removed the entire coating. This will be particularly so in cases where the substrate cloth is made from multifilament or spun-fibre yarns. Dimensional changes in the substrate cloth during processing may also occur.

WARNING – Persons using this part of ISO 2286 should be familiar with normal laboratory practice. This part of ISO 2286 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

This part of ISO 2286 describes methods of determining the total mass per unit area, the mass per unit area of the coating and the mass per unit area of the substrate cloth of a rubber- or plastics-coated fabric. Methods for removing coatings of specific compositions are described in annex A.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 2286. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 2286 are encouraged to investigate the possibility of applying the most recent edition of the standard 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.*

3 Method A: Determination of total mass per unit area

3.1 Apparatus

3.1.1 Balance, accurate to ± 2 mg, with a capacity such that readings remain within 10 % to 90 % of maximum when the balance is used for this method.

3.1.2 Means of maintaining an atmosphere with a relative humidity not greater than 10 % and a temperature of $65\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$.

NOTE – Air at $20\text{ }^{\circ}\text{C}$ and 65 % relative humidity, when heated at constant pressure to $65\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$, will have a relative humidity of approximately 5 %. Higher temperatures can lead to changes in some coatings.

3.1.3 Cutter, capable of cutting, from the sample of coated fabric, a test piece of area $100\text{ cm}^2 \pm 1\text{ cm}^2$.

NOTE – It has been found convenient to use a circular cutter for this purpose, but square or rectangular test pieces may be used provided they are within the accuracy specified above.