

**Geotekstiil ja samalaadsed tooted.
Paksuse määramine kindlaksmääratud
rõhkudel. Osa 2: Ühe kihi paksuse
määramise toiming mitmekihilistes
toodetes**

Geotextiles and geotextile-related products -
Determination of thickness at specified pressures -
Part 2: Procedure for determination of thickness of
single layers of multilayer products

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 9863-2:2000 sisaldab Euroopa standardi EN ISO 9863-2:1996 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 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 9863-2:2000 consists of the English text of the European standard EN ISO 9863-2:1996.</p> <p>This document is endorsed on 11.01.2000 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: See standardi osa määrab kindlaks meetodi paljukihihiliste toodete üksikkihtide paksuse määramiseks kindla rõhu juures.</p>	<p>Scope:</p>
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ICS 59.080.70

Võtmesõnad: filterkangad, katsed, katsesurve, paksuse mõõtmine, tekstiil

ICS 59.080.70

Descriptors: Geotextiles, testing, thickness.

English version

Geotextiles and geotextile-related products

Determination of thickness at specified pressures

Part 2: Procedure for determination of thickness
of single layers of multilayer products

(ISO 9863-2:1996)

Géotextiles et produits apparentés –
Détermination de l'épaisseur à des pres-
sions prescrites – Partie 2: Méthode de
détermination de l'épaisseur des couches
individuelles de produits multi-couches
(ISO 9863-2:1996)

Geotextilien und geotextilverwandte Pro-
dukte – Bestimmung der Dicke unter festge-
legten Drücken – Teil 2: Verfahren zur Be-
stimmung der Dicke der Einzellagen von
mehrlagigen Produkten (ISO 9863-2:1996)

This European Standard was approved by CEN on 1996-02-19 and is identical to the ISO Standard as referred to.

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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, 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 9863-2:1996 Geotextiles and geotextile-related products – Determination of thickness at specified pressures – Procedure for determination of thickness of single layers of multilayer products,

which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 189 'Geotextiles and geotextile-related products' 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 February 1997 at the latest.

In accordance with 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, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 12236:1996 was approved by CEN as a European Standard without any modification.

1 Scope

This part of EN ISO 9863 specifies a method for determination of the thickness of single layers of multilayer products at specified pressures.

2 Normative references

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.

EN 963	Geotextiles and geotextile-related products - Sampling and preparation of test specimens
EN 964-1	Geotextiles and geotextile-related products - Determination of thickness at specified pressures - Part 1: Single layers
EN 30320	Geotextiles - Identification on site (ISO 10320:1991)
ISO 554	Standard atmospheres for conditioning and/or testing - Specifications

3 Principle

The thickness of the individual layers of a specimen is measured under a specified pressure without the layers being mechanically separated. This requires prior determination of the mean value of the total thickness of the multilayer product at the desired pressure in accordance with EN 964-1.

4 Apparatus

4.1 The apparatus (see figure 1) shall satisfy the following conditions:

- The apparatus shall consist of a frame with a fixed, flat lower plate and a movable flat upper plate of the same size.
- The lower and upper plates shall be rectangular.
- The upper plate shall be capable of being fixed at any position of its travel.
- Lower and upper plates shall be so rigid that they do not deflect by more than 0,1 mm, measured over an area equivalent to that of the specimen, under the desired pressure.
- Four smooth intermediate identical plates are required of minimum 1,0 mm thickness. They shall be sufficiently rigid not to deflect during the tests and their area and shape shall be the same as those of the specimens.