

Takjapael. Avamisjõu määramine

Touch and close fasteners - Determination of peel strength

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12242:2000 sisaldab Euroopa standardi EN 12242:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.03.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12242:2000 consists of the English text of the European standard EN 12242:1999.</p> <p>This document is endorsed on 17.03.2000 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: This European Standard specifies a method for determining the peel strength of a touch and close fastener.</p>	<p>Scope: This European Standard specifies a method for determining the peel strength of a touch and close fastener.</p>
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ICS 61.040

Võtmesõnad:

English version

**Touch and close fasteners
Determination of peel strength**

Fermetures auto-agrippantes –
Détermination de la résistance au
pelage

Haftverschlüsse – Bestimmung der
Abschälfestigkeit

This European Standard was approved by CEN on 1999-09-05.

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

This European Standard has been prepared by 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 April 2000, and conflicting national standards shall be withdrawn at the latest by April 2000.

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.

It is one of a series of standards for touch and close fasteners. Other standards in the series are as follows:

EN 1414 Touch and close fasteners - Cycling procedures for subsequent testing

EN 1415 Touch and close fasteners - Behaviour of slit selvages

EN 1416 Touch and close fasteners - Determination of curvature

EN 12240 Touch and close fasteners - Determination of the overall and effective width of tapes and the effective width of a closure.

EN 12241:1999 Touch and close fasteners - Method for closure prior to washing or dry cleaning

EN 12243:1999 Touch and close fasteners - Determination of dimensional change in washing and drying and dry cleaning.

EN XXXX ¹⁾ Touch and close fasteners - Determination of longitudinal shear strength.

EN XXXX ¹⁾ Touch and close fasteners - Determination of vertical tension strength.

EN XXXX ¹⁾ Touch and close fasteners - Resistance to fraying of tapes after cutting.

EN XXXX ¹⁾ Touch and close fasteners - Specification.

The Annex A of this European Standard is informative.

¹⁾ In preparation

1 Scope

This European Standard specifies a method for determining the peel strength of a touch and close fastener.

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 20139	Textiles - Standard atmospheres for conditioning and testing (ISO 139:1973)
EN 10002	Metallic materials — Tensile testing
EN 12240	Touch and close fasteners - Determination of the overall and effective widths of tapes and the effective width of a closure

3 Principle

Mated component tapes of a touch and close fastener are separated at a constant rate in a peeling action from an open edge of a prepared closure. This is carried out such that the separation occurs progressively along the closure in a direction parallel to the length of the tapes forming the closure.

4 Definitions

For the purposes of this European Standard, the following definition applies:

4.1 peel strength: Force per unit effective width required to separate the two tapes forming the specified closure from an open edge under the specified conditions of test.

5 Apparatus

5.1 Constant rate of extension tensile testing machine as specified in EN 10002, connected to a computer, via a suitable interface, capable of recording data at a rate of at least 20 points per second.

NOTE: Graphical interpretation has proved to be unreliable.

5.2 Metal roller, made of phosphor-bronze with a diameter of (100 ± 2) mm (see figure 2) which shall be selected in accordance with table 1: