

## **Liimid. Kõrgtugevusega liimühendustes rebimisele vastupanu määramine**

Adhesives - Determination of peel resistance of high-strength adhesive bonds - Floating roller method

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1464:2000 sisaldab Euroopa standardi EN 1464:1994 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 1464:2000 consists of the English text of the European standard EN 1464:1994.</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><b>Käsitlusala:</b> See Euroopa standard määrab kindlaks ujuva rulliku meetodi rebimisele vastupanu määramiseks kõrgtugevusega liimühenduses ühe jäiga ja teise painduva substraadi vahel, kui neid on ette valmistatud ja katsetatud spetsiaalsetel tingimustel.</p>	<p><b>Scope:</b></p>
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**ICS** 83.180

**Võtmesõnad:** liimid, liimühendused, nakketeimid, plastid, rebiteimid, teimid

ICS 83.180

Descriptors: Adhesive, testing, peel resistance.

**English version**

**Adhesives**

Determination of peel resistance of high-strength adhesive bonds  
Floating roller method  
(ISO 4578:1990, modified)

Adhésifs; détermination de la résistance  
au pelage des assemblages à forte  
cohésion; méthode des galets mobiles  
(ISO 4578:1990, modifiée)

Klebstoffe; Bestimmung des Schälwider-  
standes von hochfesten Klebungen;  
Rollenschälversuch  
(ISO 4578:1990, modifiziert)

This European Standard was approved by CEN on 1994-11-08.

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 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 193 'Adhesives', the Secretariat of which is held by AFNOR.

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 May 1995 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 United Kingdom.

## 1 Scope

This European Standard specifies a floating roller method for the determination of the peel resistance of high-strength adhesive bonds between one rigid adherend and one flexible adherend when tested under specified conditions of preparation and testing.

NOTE : The use of the floating roller produces more constant numerical data than other peel methods, but it should not be expected that the flexible adherend will conform to the surface of the roller.

## 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.

ISO 291	1977	Plastics - Standard atmospheres for conditioning and testing
ISO 4588		Adhesives - Preparation of metal surfaces for adhesive bonding <sup>1)</sup>
ISO 10365	1992	Adhesives - Designation of main failure patterns

## 3 Definition

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

### peel resistance

The average force per unit test specimen width, measured along the bond line, required to separate progressively the two members of a bonded test specimen under specified conditions of test. It is expressed in kilonewtons per metre of width.

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1) Revision in progress.