

**Wide-mouth glass containers - Deviation from flatness
of top sealing surface - Test methods (ISO 9885:1991)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 29885:2011 sisaldab Euroopa standardi EN 29885:1994 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.03.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.04.1994.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 29885:2011 consists of the English text of the European standard EN 29885:1994.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 15.04.1994.

The standard is available from Estonian standardisation organisation.

ICS 55.100

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UDC 621.798.147:666.172.531.717.8

Descriptors: Containers, glass packaging, preserving jars, tests, flatness test, flatness deviation, dimensional measurement.

English version

Wide-mouth glass containers
Deviation from flatness of top sealing surface
Test methods
(ISO 9885:1991)

Récipients en verre à col large; déviation
de planéité de la surface d'étanchéité
supérieure; méthodes d'essai
(ISO 9885:1991)

Behälter aus Glas mit weiter Öffnung;
Planitätsabweichung der Behälter-
mündung; Prüfverfahren (ISO 9885:1991)

This European Standard was approved by CEN on 1994-04-01 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

On the proposal of CEN/CS, CEN/BT decided to submit the International Standard ISO 9885:1991 Wide-mouth glass containers; deviation from flatness of top sealing surface; test methods to Formal Vote.

The result was positive.

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 October 1994 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.

Endorsement notice

The text of the International Standard ISO 9885:1991 was approved by CEN as a European Standard without any modification.

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1 Scope

This International Standard specifies two complementary test methods for the determination of the deviation from flatness of the top sealing surface of wide-mouth glass containers.

It applies to wide-mouth glass containers, designated for sterilization and other purposes, where a hermetic seal is required.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was 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 edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7348:1991, *Glass containers — Manufacture — Vocabulary*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 7348 and the following definition apply.

3.1 deviation from flatness of top sealing surface:
Quantitative measure of a saddled finish.

NOTES

1 A saddled finish usually occurs after the container has been properly formed and before it leaves the annealing lehr.

2 The deviation from flatness of the top sealing surface should not be confused with the "non-parallelism of finish with reference to container base" which is dealt with in ISO 9009:1991, *Glass containers — Height and non-parallelism of finish with reference to container base — Test methods*.

4 Principle

4.1 Quick check to determine whether the top sealing surface meets predetermined flatness requirements.

4.2 Measurement of the distance between the top sealing surface and a flat plate pressed onto this surface.

5 Apparatus

5.1 Horizontal flat baseplate

5.2 Feeler gauges, in steps of 0,05 mm, i.e. 0,05 mm, 0,1 mm, etc.

NOTE 3 For rapid inspection, and especially for automatic checking, other apparatus exist. An example of such an apparatus works by measuring how good is the vacuum produced when the container is inverted on a standard rubber base and exhausted.

6 Sampling

Sampling shall form the subject of agreement between the parties concerned.

7 Procedure

7.1 General

Invert the container on the horizontal flat baseplate (5.1). If the container rocks, allow it to stabilize before continuing with the determination.