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Packaging - Glass Packaging - Deep BVS finishes for still wines

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
|---|--|
| See Eesti standard EVS-EN 16293:2020 sisaldab Euroopa standardi EN 16293:2020 ingliskeelset teksti. | This Estonian standard EVS-EN 16293:2020 consists of the English text of the European standard EN 16293:2020. |
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ICS 55.100

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EUROPEAN STANDARD

EN 16293

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2020

ICS 55.100

Supersedes EN 16293:2013

English Version

Packaging - Glass Packaging - Deep BVS finishes for still wines

Emballage - Emballages en verre - Bagues BVS hautes pour vins tranquilles

Verpackung - Verpackungen aus Glas - Tiefe BVS-Mundstücke für stille Weine

This European Standard was approved by CEN on 17 May 2020.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 16293:2020) has been prepared by Technical Committee CEN/TC 261 "Packaging", 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of an identical text or by endorsement, at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 16293:2013.

The essential modifications in this document as compared to the previous version have been brought in the following sections:

- Introduction of the mandatory Clause 2. Normative references (no normative references are listed).
- New numbering of all clauses from Clause 1.
- In Clause 3. Terms and definitions: modification of definition 3.1 deep BVS finish.
- Addition of Clause 4. Designation.
- Renaming of Clause 3. Requirements in Clause 5. Recommendations, and introducing the relevant changes in the text.
- In Clause 6. Constructions and dimensions of deep BVS finishes: addition of Note 3 and deletion of key c in Table 1.
- In Clause 8. Construction for sealing surface and bore entrance profile, Figure 5:
 - addition of the specified gap of 0/+0,2 mm on the guide-ring external diameter;
 - introduction of a minimum value in addition to the existing maximum value for the sealing surface: 0,5 -1,0 mm.
- In Clause 9. Construction of transfer bead: addition of a paragraph after Figure 6.
- In Clause 11. BVS finishes — Dimensions Y and X: deletion of the ovality tolerance notion in Table 4 and clarification on how to use the tolerance on Y and Y_{MEAN} .
- In Clause 12. Control of bottle and neck verticality: rewording of paragraph to introduce requirements.
- Addition of Annex A (normative) Parnaby type gauge.
- Update of the Bibliography section.
- Many editorial changes in the text as well as in the figures.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Efficient packaging is of great importance for the distribution and the protection of goods as insufficient or inappropriate packaging can lead to damage or wastage of the contents of the pack.

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1 Scope

This document specifies dimensions of a series of deep screw finishes for the closure of wines with a CO₂ content below 1,2 g per litre.

NOTE Carbonation $\geq 1,2$ g/l CO₂ requires a suitable container and closure agreed between the glass maker, closure maker and packer/filler.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following term and definition apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

deep BVS finish

neck finish designed to receive a screw cap equipped with a tamper evident skirt

4 Designation

The finish can be defined successively by its name (BVS), the diameter (in mm), the type (H) and the height of the closure (in mm), for example BVS 28 H 44, BVS 30 H 60.

5 Recommendations

Container verticality should be controlled as specified in Clause 12 "Control of bottle and neck verticality".

During capping, when changing between different batches of bottles conforming to this document or different batches of caps, it is necessary to verify the setting of the capping equipment.

6 Constructions and dimensions of deep BVS finishes

The constructions of deep BVS finishes shall be as given in the following figures:

- Figure 1: Constructions and dimensions
- Figure 2: Optional finish with additional support bead
- Figure 3: Optional take-out groove

The dimensions of deep BVS finishes shall be as given in the following tables:

- Table 1 – Dimensions for finishes type BVS
- Table 4 – Dimensions Y and X for finishes type BVS