



NSAI
Standards

Irish Standard
I.S. EN 12726:2018

Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules

I.S. EN 12726:2018

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 12726:2018 is the adopted Irish version of the European Document EN 12726:2018, Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules

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EUROPEAN STANDARD

EN 12726

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2018

ICS 55.100

Supersedes EN 12726:2000

English Version

Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules

Emballage - Bague plate ayant un diamètre d'entrée de 18,5 mm pour bouchage liège et capsule témoin d'effraction

Packmittel - Bandmundstück mit einem Eingangsdurchmesser von 18,5 mm für Naturkorken und Kapseln als Originalitätssicherung

This European Standard was approved by CEN on 27 May 2018.

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Contents		Page
European foreword		3
Introduction		4
1	Scope.....	5
2	Normative references.....	5
3	Terms and definitions.....	5
4	Dimensions.....	5
5	Requirements.....	5

European foreword

This document (EN 12726:2018) 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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

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 12726:2000.

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Introduction

This document is based on Cetie (International Technical Center for Bottling and related Packaging) data sheet GME 50.1 (1992).

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

1 Scope

This European Standard specifies the dimensions of a cork mouth finish for corks and capsules for glass bottles, for wine that has a carbonation pressure not exceeding 1,2 g CO₂/l, for use with natural corks.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 22768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)*

ISO 3863, *Cylindrical cork stoppers — Dimensional characteristics, sampling, packaging and marking*

3 Terms and definitions

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

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 <http://www.iso.org/obp>

3.1

through bore

maximum diameter of a round rod able to penetrate vertically into the body of the bottle

4 Dimensions

4.1 The dimensions of the finish shall be as shown in Figure 1.

4.2 Details which are not specified shall be selected in accordance with the application. For linear and angular dimensions, see EN 22768-1. Detail X see Figure 2.

4.3 Since the performance of an appropriate packaging depends on the combination of several parameters, the nominal dimensions of the cork stoppers to be used with this finish design shall be in accordance with ISO 3863.

Experience shows that because several parameters are involved advice should be taken from cork suppliers.

5 Requirements

See Figure 1.

5.1 d_1 : The diameter of the entry bore is the internal diameter approximately 3 mm below the top of the finish.

5.2 The ovality of the entry bore shall not exceed 0,5 mm.

5.3 d_2 : The minimum average diameter shall be according to Formula (1).

$$d_2 = \frac{\text{actual measured diameter min} + \text{actual measured diameter max}}{2} \geq 28,3 \text{ mm} \quad (1)$$

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