

Glass packaging - Standard tolerances for flaconnage  
(ISO 12818:2013)

## EESTI STANDARDI EESSÕNA

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ICS 55.100

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English Version

**Glass packaging - Standard tolerances for flaconnage (ISO  
12818:2013)**

Emballages en verre - Tolérances standard pour  
flaconnage (ISO 12818:2013)

Verpackungen aus Glas - Standardgrenzabweichungen für  
Flakons (ISO 12818:2013)

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

The text of ISO 12818:2013 has been prepared by Technical Committee ISO/TC 63 “Glass Containers” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 12818:2015 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of an identical text or by endorsement, at the latest by November 2015, and conflicting national standards shall be withdrawn at the latest by November 2015.

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### Endorsement notice

The text of ISO 12818:2013 has been approved by CEN as EN ISO 12818:2015 without any modification.

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## Introduction

This International Standard is based on CE.T.I.E. (International Technical Centre for Bottling and related Packaging) data sheet DT 15.00 series.

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.

# Glass packaging — Standard tolerances for flaconnage

## 1 Scope

This International Standard specifies the tolerances for the bottles intended to be used for pharmaceutical products, cosmetic and perfumery products and chemical products.

The following tolerances are concerned:

- brimful capacity;
- height;
- diameter and width;
- verticality.

The following types of bottles are excluded from this International Standard:

- “miniatures”;
- small bottles for extracts, essences, etc.;
- small jars (e.g. individual portions of jam).

## 2 Product group bottles and other glass containers

Three groups of bottles have been identified:

- a) Flacons for pharmaceutical purpose and medicine bottles of all kinds

This group includes, for example, injection containers, drop bottles, infusion bottles, cough syrup bottles and other bottles and jars (ointment jars) used for pharmaceutical products.

- b) Flacons for cosmetics

This group includes all bottles and similar containers used for cosmetic products, e.g. nail varnish, hair tonic, perfume and also cream jars.

- c) Flacons for techno-chemical purposes

This group includes, for example, bottles for ink, varnish, glue, heavy chemicals, furniture polish stain remover, pest destruction agents and denatured alcohol.

## 3 Brimful capacity tolerances

The brimful capacity tolerances shall be as given in [Table 1](#).