

Packaging - Flexible tubes - Test method to determine the orientation of the flip-top cap

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Packaging - Flexible tubes - Test method to determine the orientation of the flip-top cap

Emballage - Tubes souples - Méthode d'essai pour la détermination de l'orientation de l'obturateur à charnière

Verpackung - Tuben - Prüfverfahren zur Bestimmung der Ausrichtung des Klappdeckelverschlusses

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Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Test principle and testing equipment	4
5 Execution	5
6 Test report	6
Bibliography	8

European foreword

This document (EN 16565:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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 16565:2014.

In comparison with the previous edition, the following technical modifications have been made:

- considered in Clause 1 Scope, cylindrical tubes;
- in Clause 5 Execution, correction of the conversion Formula (1);
- in Clause 6 Test Report, specification of the date of the publication of this document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies a method to test the orientation of the flip-top cap on flexible cylindrical tubes [1].

It is applicable to aluminium, plastic and laminated tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

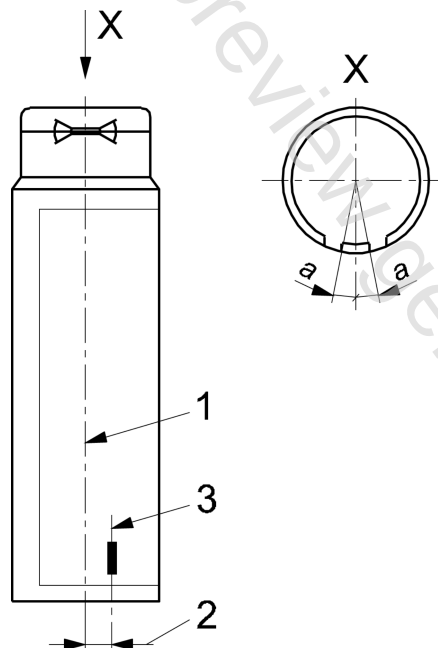
No terms and definitions are listed in this document.

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>

4 Test principle and testing equipment

The test principle is described in Figure 1.



Key

- a** maximum deviation in mm/degree
- 1** axis of symmetry of cap hinge
- 2** deviation
- 3** axis of symmetry of back printed face

Figure 1 — Test principle