

<b>STN</b>	<b>Obaly Flexibilné tuby Skúšobná metóda vzduchotesnosti uzáverov</b>	<b>STN EN 12377</b>  77 3021
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Packaging - Flexible tubes - Test method for the air tightness of closures

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/23

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EUROPEAN STANDARD

**EN 12377**

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Supersedes EN 12377:2014

English Version

## Packaging - Flexible tubes - Test method for the air tightness of closures

Emballage - Tubes souples - Méthode d'essai de détermination de l'étanchéité à l'air des bouchons

Packmittel - Tuben - Prüfverfahren zur Bestimmung der Luftdichtheit der Verschlüsse

This European Standard was approved by CEN on 22 August 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**EN 12377:2022 (E)**

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## **European foreword**

This document (EN 12377:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.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 12377:2014.

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

- the Scope has been extended generically to flexible tubes;
- definitions given in EN 12374 have been considered.

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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**EN 12377:2022 (E)****1 Scope**

This document specifies a test method for airtightness of the closures for flexible tubes.

It is applicable to flexible tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products

It is not applicable to flexible tubes with external applicators added on to the tube by the consumer and pumps.

**2 Normative references**

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**