



# SLOVENSKI STANDARD SIST EN ISO 7233:2021

01-julij-2021

Nadomešča:  
SIST EN ISO 7233:2016

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## Gumene in polimerne cevi ter cevni priključki - Ugotavljanje odpornosti proti vakuumu (ISO 7233:2021)

Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO 7233:2021)

Gummi- und Kunststoffschläuche und -schlauchleitungen - Bestimmung der Beständigkeit gegen Vakuum (ISO 7233:2021)

Tuyaux et flexibles en caoutchouc et en plastique - Détermination de la résistance à l'aspiration (ISO 7233:2021)

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Ta slovenski standard je istoveten z: **EN ISO 7233:2021**

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### **ICS:**

23.040.70      Gumene cevi in armature      Hoses and hose assemblies

**SIST EN ISO 7233:2021**

**en,fr,de**

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EUROPEAN STANDARD

EN ISO 7233

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2021

ICS 23.040.70

Supersedes EN ISO 7233:2016

English Version

## Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum (ISO 7233:2021)

Tuyaux et flexibles en caoutchouc et en plastique -  
Détermination de la résistance à l'aspiration (ISO  
7233:2021)

Gummi- und Kunststoffschläuche und -  
schlauchleitungen - Bestimmung der Beständigkeit  
gegen Vakuum (ISO 7233:2021)

This European Standard was approved by CEN on 19 April 2021.

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  
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## European foreword

This document (EN ISO 7233:2021) has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" in collaboration with Technical Committee CEN/TC 218 "Rubber and plastics hoses and hose assemblies" the secretariat of which is held by BSI.

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 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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 ISO 7233:2016.

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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.

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The text of ISO 7233:2021 has been approved by CEN as EN ISO 7233:2021 without any modification.

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# INTERNATIONAL STANDARD

# ISO 7233

Fifth edition  
2021-04

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## Rubber and plastics hoses and hose assemblies — Determination of resistance to vacuum

*Tuyaux et flexibles en caoutchouc et en plastique — Détermination de  
la résistance à l'aspiration*

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## ISO 7233:2021(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 218, *Rubber and plastics hoses and hose assemblies*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fifth edition cancels and replaces the fourth edition (ISO 7233:2016), which has been technically revised. The main changes compared to the previous edition are as follows:

- hose assembly has been added in the text;
- a statement regarding change in length, as mentioned in Method C, has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).