



**SLOVENSKI STANDARD
SIST EN ISO 4080:2024**

01-september-2024

Gumene in polimerne cevi in cevovodi ter njihovi priključki - Ugotavljanje plinske prepustnosti (ISO 4080:2024)

Rubber and plastics hoses and tubing, and their assemblies - Determination of permeability to gas (ISO 4080:2024)

Gummi- und Kunststoffschläuche mit und ohne Einlage und Schlauchleitungen - Bestimmung der Gasdurchlässigkeit (ISO 4080:2024)

Tuyaux et flexibles en caoutchouc et en plastique - Détermination de la perméabilité au gaz (ISO 4080:2024)

Ta slovenski standard je istoveten z: EN ISO 4080:2024

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ICS:

83.140.40 Gumene cevi Hoses

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English Version

Rubber and plastics hoses and tubing, and their assemblies - Determination of permeability to gas (ISO 4080:2024)

Tuyaux et tubes en caoutchouc et en plastique, et leurs
assemblages - Détermination de la perméabilité au gaz
(ISO 4080:2024)

Gummi- und Kunststoffschläuche mit und ohne Einlage
und Schlauchleitungen - Bestimmung der
Gasdurchlässigkeit (ISO 4080:2024)

This European Standard was approved by CEN on 14 June 2024.

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Contents	Page
European foreword.....	3

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[SIST EN ISO 4080:2024](https://standards.iteh.ai/catalog/standards/sist/bc5e3783-dab9-45dd-8cce-4a8fd98b87b6/sist-en-iso-4080-2024)

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European foreword

This document (EN ISO 4080:2024) 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of an identical text or by endorsement, at the latest by December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

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.

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International Standard

ISO 4080

Rubber and plastics hoses and tubing, and their assemblies — Determination of permeability to gas

*Tuyaux et tubes en caoutchouc et en plastique, et leurs
assemblages — Détermination de la perméabilité au gaz*

**Fifth edition
2024-06**

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ISO 4080:2024(en)**Contents**

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test pieces	2
4.1 Method 1.....	2
4.2 Method 2.....	2
4.3 Method 3.....	2
5 Apparatus	2
6 Test conditions	3
6.1 Test pieces.....	3
6.2 Test temperature.....	3
6.3 Test gas.....	3
6.4 Test pressure.....	3
7 Procedure	3
7.1 General.....	3
7.2 Method 1.....	4
7.3 Method 2.....	4
7.4 Method 3.....	5
8 Expression of results	6
9 Test report	7
Annex A (informative) Guidance on permeability	8
Annex B (informative) Guidance on test methods and their application	10
Annex C (informative) Saturated vapour pressure	11
Bibliography	12

SIST EN ISO 4080:2024

<https://standards.itech.ai/catalog/standards/sist/bc5e3783-dab9-45dd-8cce-4a8fd98b87b6/sist-en-iso-4080-2024>

ISO 4080:2024(en)

Foreword

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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 document 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).

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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 4080:2009), which has been technically revised.

The main changes are as follows:

- revised gas permeability test as a whole;
- title changed;
- terms [3.1](#) and [3.2](#) 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.