



SLOVENSKI STANDARD
SIST EN ISO 10319:2024

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Geotekstilije - Natezni preskus na širokih preskušancih (ISO 10319:2024)

Geosynthetics - Wide-width tensile test (ISO 10319:2024)

Geokunststoffe - Zugversuch am breiten Streifen (ISO 10319:2024)

Géosynthétiques - Essai de traction des bandes larges (ISO 10319:2024)

Ta slovenski standard je istoveten z: EN ISO 10319:2024

ICS:

59.080.70 Geotekstilije [SIST EN ISO 10319:2024](https://standards.sist.si/standards/sist/0f56ce3d-33ac-d6adcb1c4356/sist-en-iso-10319-2024) Geotextiles

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NORME EUROPÉENNE

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English Version

Geosynthetics - Wide-width tensile test (ISO 10319:2024)

Géosynthétiques - Essai de traction des bandes larges
(ISO 10319:2024)

Geokunststoffe - Zugversuch am breiten Streifen (ISO
10319:2024)

This European Standard was approved by CEN on 23 September 2024.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 10319:2024) has been prepared by Technical Committee ISO/TC 221 "Geosynthetics" in collaboration with Technical Committee CEN/TC 189 "Geosynthetics" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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International Standard

ISO 10319

Geosynthetics — Wide-width tensile test

Géosynthétiques — Essai de traction des bandes larges

**Fourth edition
2024-10**

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Foreword

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This document was prepared by Technical Committee ISO/TC 221, *Geosynthetics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 189, *Geosynthetics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 10319:2015), which has been technically revised.

The main changes are as follows:

- the term “load” changed to “force” in all instances;
- difference between strain and elongation clarified in [Clause 3](#) and [Figure 1](#) modified accordingly;
- difference between tensile strength at first and second peak clarified in [Clause 3](#) and [9.2](#);
- illustration of suitable jaws and grips introduced in [Figure 3](#);
- testing of metallic products limited to woven steel wire meshes in [6.4.6](#);
- testing products narrower than 200 mm introduced in [6.4.7](#);
- testing at lower or higher temperatures introduced, with the related conditioning in [7.3](#) and the related procedure added in [Annex A](#);
- formulae for strain calculation introduced in [9.1](#);
- formulae for tensile strength of products narrower than 200 mm introduced in [9.2](#);
- test report requirements updated in [Clause 10](#).

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.