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Geosynthetics - Part 1: Vocabulary (ISO 10318-1:2026)

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This standard includes the English version of the European Standard.

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G?synth?iques - Partie 1: Vocabulaire (ISO 10318-1:2026)

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European foreword

This document (EN ISO 10318-1:2026) 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of an identical text or by endorsement, at the latest by July 2026, and conflicting national standards shall be withdrawn at the latest by July 2026.

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International Standard

ISO 10318-1

Geosynthetics — Part 1: Vocabulary

*Géosynthétiques —
Partie 1: Vocabulaire*

**Second edition
2026-01**

ISO 10318-1:2026(en)**COPYRIGHT PROTECTED DOCUMENT**

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ISO 10318-1:2026(en)**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 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 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 second edition cancels and replaces the first edition (ISO 10318-1:2015), which has been technically revised. It also incorporates the Amendment ISO 10318-1:2015/Amd 1:2018.

The main changes are as follows:

- modification of definitions for reinforcement ([3.1.4](#)) and stress relief ([3.1.8](#));
- addition of the following new terms defining products: geomat ([3.2.6.2](#)), geospacer ([3.2.6](#)), geocuspate ([3.2.6.1](#)), geomembrane ([3.2.8.2](#)), geosynthetic clay liner ([3.2.8.3.1](#)), bituminous geomembrane ([3.2.8.4.1](#)), geosynthetic cementitious composite ([3.2.11](#)), and geofoam ([3.2.12](#));
- addition of the following new definitions for properties: energy absorption ([3.3.4.4](#)) and energy absorption index ([3.3.4.5](#)).

A list of all parts in the ISO 10318 series can be found on the ISO website.

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Geosynthetics —

Part 1: Vocabulary

1 Scope

This document defines terms related to the functions, products, and properties in geosynthetics, and terms used in International Standards on geosynthetics.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN