

<b>STN</b>	<b>Geosyntetika</b> <b>Skúška dynamickým prerazením</b> <b>(skúška padajúcim kuželom)</b> <b>(ISO 13433: 2025)</b>	<b>STN</b> <b>EN ISO 13433</b>  80 6142
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Geosynthetics - Determination of dynamic perforation (cone drop test) (ISO 13433:2025)

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. 08/25

Obsahuje: EN ISO 13433:2025, ISO 13433:2025

Oznámením tejto normy sa ruší  
STN EN ISO 13433 (80 6142) z februára 2007

**140952**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025  
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii  
v znení neskorších predpisov.

EUROPEAN STANDARD

**EN ISO 13433**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2025

ICS 59.080.70

Supersedes EN ISO 13433:2006

English Version

**Geosynthetics - Determination of dynamic perforation  
(cone drop test) (ISO 13433:2025)**Géosynthétiques - Essai de perforation dynamique  
(essai par chute d'un cône) (ISO 13433:2025)Geokunststoffe - Dynamischer Durchschlagversuch  
(Kegelfallversuch) (ISO 13433:2025)

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**EN ISO 13433:2025 (E)**

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## **European foreword**

This document (EN ISO 13433:2025) 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of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 2025.

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## **Endorsement notice**

The text of ISO 13433:2025 has been approved by CEN as EN ISO 13433:2025 without any modification.



# International Standard

**ISO 13433**

## **Geosynthetics — Determination of dynamic perforation (cone drop test)**

*Géosynthétiques — Essai de perforation dynamique (essai par chute d'un cône)*

**Second edition  
2025-06**

## ISO 13433:2025(en)



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CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
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Published in Switzerland

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**ISO 13433:2025(en)****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 second edition cancels and replaces the first edition (ISO 13433:2006), which has been technically revised.

The main changes are as follows:

- revision and addition of tolerances on dimensions;
- addition of interpretation of results.

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).

# Geosynthetics — Determination of dynamic perforation (cone drop test)

## 1 Scope

This document specifies a method to determine the resistance of geosynthetics to dynamic penetration by a steel cone dropped from a fixed height.

The method is generally applicable to geosynthetics. However, the applicability of this test for some types of products (such as e.g. GGR,GCE, GST,GBR) should be considered carefully .

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

ISO 9862, *Geosynthetics — Sampling and preparation of test specimens*

ISO 10318-1, *Geosynthetics — Part 1: Terms and definitions*

ISO 10320, *Geosynthetics — Identification on site*

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