

<b>STN</b>	<b>Geosyntetika</b> <b>Polymérne geosyntetické zábrany</b> <b>Určenie mechanických vlastností</b>	<b>STN</b> <b>EN 17323</b>  80 6193
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Geosynthetics - Determination of tensile properties of Polymeric Geosynthetic Barriers

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. 07/20

Obsahuje: EN 17323:2020

**131275**

EUROPEAN STANDARD

EN 17323

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2020

ICS 59.080.70

English Version

## Geosynthetics - Determination of tensile properties of Polymeric Geosynthetic Barriers

Géosynthétiques - Détermination des propriétés en  
traction des géomembranes polymériques

Geokunststoffe - Geosynthetische  
Kunststoffdichtungsbahnen - Bestimmung von  
Zugeigenschaften

This European Standard was approved by CEN on 14 March 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## **European foreword**

This document (EN 17323:2020) has been prepared by 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of an identical text or by endorsement, at the latest by November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.

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**EN 17323:2020 (E)****1 Scope**

This document specifies test methods for the determination of tensile properties of polymeric geosynthetic barriers PE (e.g. PE-HD and PE-LLD), FPO (e.g. EVA, FPP, and PE-VLD), PVC-P and EPDM.

Method A is suitable for testing polymeric geosynthetic barriers (GBR-P), made of PVC-P, EPDM and FPO (e.g. EVA, FPP and PE-VLD), non-reinforced (including maximum 80 g/m<sup>2</sup> glass fleece) and without backing.

Method B is suitable for testing polymeric geosynthetic barriers (GBR-P) made of PE (e.g. PE-HD and PE-LLD), non-reinforced and without backing.

Method C is suitable for testing polymeric geosynthetic barriers (GBR-P), reinforced and/or with backing.

Method D is suitable for measuring modulus (if required) of all non-reinforced GBR-P.

NOTE For homogenous polymers not listed above, method A and D can be used.

**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.

EN 1849-2, *Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 2: Plastics and rubber sheets for roof waterproofing*

EN ISO 7500-1, *Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Calibration and verification of the force-measuring system (ISO 7500-1)*

EN ISO 9862, *Geosynthetics - Sampling and preparation of test specimens (ISO 9862)*

EN ISO 9863-1, *Geosynthetics - Determination of thickness at specified pressures - Part 1: Single layers (ISO 9863-1)*

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