

STN	Geotextílie a geotextíliám podobné výrobky Stanovenie prietokovej kapacity vody v rovine výrobku Časť 1: Indexová skúška (ISO 12958-1: 2020)	STN EN ISO 12958-1 80 6116
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Geotextiles and geotextile-related products - Determination of water flow capacity in their plane - Part 1: Index test (ISO 12958-1:2020)

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. 01/21

Obsahuje: EN ISO 12958-1:2020, ISO 12958-1:2020

Spolu s STN EN ISO 12958-2 ruší
STN EN ISO 12958 (80 6133) zo septembra 2010

132288

EUROPEAN STANDARD

EN ISO 12958-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2020

ICS 59.080.70

Supersedes EN ISO 12958:2010

English Version

**Geotextiles and geotextile-related products -
Determination of water flow capacity in their plane - Part
1: Index test (ISO 12958-1:2020)**

Géotextiles et produits apparentés - Détermination de
la capacité de débit dans leur plan - Partie 1: Essai
index (ISO 12958-1:2020)

Geotextilien und geotextilverwandte Produkte -
Bestimmung des Wasserleitvermögens in der Ebene
- Teil 1: Index-Prüfverfahren (ISO 12958-1:2020)

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EN ISO 12958-1:2020 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 12958-1:2020) 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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

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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This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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INTERNATIONAL STANDARD

ISO 12958-1

First edition
2020-10

Geotextiles and geotextile-related products — Determination of water flow capacity in their plane —

Part 1: Index test

*Géotextiles et produits apparentés — Détermination de la capacité de
débit dans leur plan —*

Partie 1: Essai index



Reference number
ISO 12958-1:2020(E)

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Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus and materials	2
6 Specimens	6
6.1 Handling.....	6
6.2 Selection.....	6
6.3 Number and dimensions.....	6
6.4 Specimen condition.....	7
7 Test procedure	7
8 Calculations and expression of results	8
8.1 Products with a continuous structure (i.e. with no discrete draining elements).....	8
8.2 Products with discrete draining elements.....	8
8.3 Graphical representation.....	9
9 Test report	10
Annex A (informative) Determination of the correction factor R_T for conversion to a water temperature of 20 °C	11
Annex B (informative) Experimental data and calculations for a specimen	13
Bibliography	14

ISO 12958-1:2020(E)

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 documents 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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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

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 first edition of ISO 12958-1, together with ISO 12958-2, cancels and replaces ISO 12958:2010, which has been technically revised.

The main changes to ISO 12958:2010 are as follows:

- introduction of the concept of index versus performance test;
- permission given to test using rigid/rigid, soft/soft or soft/rigid boundaries;
- addition of guidance for testing cusped sheets on a single side and for testing multilinear drainage geocomposites;
- withdrawal of apparatus types b) and c);
- several cosmetic improvements, in particular terms and definitions, procedure, calculation and reporting.

A list of all parts in the ISO 12958 series can be found on the ISO website.

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.

Geotextiles and geotextile-related products — Determination of water flow capacity in their plane —

Part 1: Index test

1 Scope

This document specifies a method for determining the constant-head water flow capacity within the plane of a geotextile or geotextile-related product. This document describes the in-plane water flow index test, only applicable to factory-assembled products. For the in-plane water flow performance test, see ISO 12958-2.

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 2854, *Statistical interpretation of data — Techniques of estimation and tests relating to means and variances*

ISO 5813, *Water quality — Determination of dissolved oxygen — Iodometric method*

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

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

ISO 10320, *Geosynthetics — Identification on site*

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