



SLOVENSKI STANDARD
SIST EN ISO 9073-14:2023

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Vlaknovine - Metode preskušanja - 14. del: Povratno vlaženje vpojnega prekrivnega materiala (simulirani seč) (ISO 9073-14:2023)

Nonwovens - Test methods - Part 14: Coverstock wetback (simulated urine) (ISO 9073-14:2023)

Vliesstoffe - Prüfverfahren - Teil 14: Auflagen (künstlicher Urin) (ISO 9073-14:2023)

Nontissés - Méthodes d'essai - Partie 14: Remouillage de l'enveloppe (urine artificielle) (ISO 9073-14:2023)

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English Version

Nonwovens - Test methods - Part 14: Coverstock wetback (simulated urine) (ISO 9073-14:2023)

Nontissés - Méthodes d'essai - Partie 14: Remouillage
de l'enveloppe (urine artificielle) (ISO 9073-14:2023)

Vliesstoffe - Prüfverfahren - Teil 14: Auflagen
(künstlicher Urin) (ISO 9073-14:2023)

This European Standard was approved by CEN on 25 May 2023.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN ISO 9073-14:2023) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by December 2023, and conflicting national standards shall be withdrawn at the latest by December 2023.

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.

This document supersedes EN ISO 9073-14:2007.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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Endorsement notice

SIST EN ISO 9073-14:2023

The text of ISO 9073-14:2023 has been approved by CEN as EN ISO 9073-14:2023 without any modification.

INTERNATIONAL
STANDARD

ISO
9073-14

Second edition
2023-06

Nonwovens — Test methods —

Part 14:

Coverstock wetback (simulated urine)

Nontissés — Méthodes d'essai —

Partie 14: Remouillage de l'enveloppe (urine artificielle)

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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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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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 38 *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 9073-14:2006), which has been technically revised.

The main changes are as follows:

- the title has been changed from "*Textiles — Test methods for nonwovens — Part 14: Coverstock wetback*" to "*Nonwovens — Test methods — Part 14: Coverstock wetback (simulated urine)*";
- descriptions in [5.1](#), [5.2](#) and [5.3](#) have been improved;
- procedure description in [9.3](#) has been changed;
- report items have been updated and blotter paper identification has been added.

A list of all parts in the ISO 9073 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.

Nonwovens — Test methods —

Part 14: Coverstock wetback (simulated urine)

1 Scope

This document specifies a test method for the determination of the ability of diaper coverstock to resist the transport back onto the skin of a liquid which has already penetrated the coverstock.

This test corresponds with repeated liquid strike-through time according to NWSP 070.7.

This test method is intended for quality control and is designed for comparison of wetback for different nonwoven coverstocks and treatments. It does not simulate in use conditions for finished products.

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 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 3951-1, *Sampling procedures for inspection by variables — Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL*
ISO 9092, *Nonwovens — Vocabulary*

ISO 9073-13, *Nonwovens — Test methods — Part 13: Repeated liquid strike-through time (simulated urine)*

ISO 11224, *Textiles — Web formation and bonding in nonwovens — Vocabulary*

ASTM D3574, *Standard test method for flexible cellular materials, slab, bonded and moulded urethane foams.*

NWSP 005.0, *Nonwoven sampling*

NWSP 10.1, *Methods for Nonwoven Absorption*

NWSP 70.7, *Repeated Liquid Strike-Through Time (Simulated Urine)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 9092, ISO 11224 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>