
Tekstilije - Metode preskušanja vlaknovin - 8. del: Ugotavljanje časa prodiranja tekočine skozi vlaknovino (simulirani seč) (ISO 9073-8:1995)

Textiles - Test methods for nonwovens - Part 8: Determination of liquid strike-through time (simulated urine) (ISO 9073-8:1995)

Textilien - Prüfverfahren für Vliesstoffe - Teil 8: Bestimmung der Durchdringzeit von Flüssigkeiten (simulierte Urin) (ISO 9073-8:1995)

Textiles - Méthodes d'essai pour nontissés - Partie 8: Détermination du temps de transpercement des liquides (urine artificielle) (ISO 9073-8:1995)

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Ta slovenski standard je istoveten z: EN ISO 9073-8:1998

ICS:

59.080.30

Tkanine

Textile fabrics

SIST EN ISO 9073-8:1999**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9073-8

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English version

Textiles - Test methods for nonwovens - Part 8: Determination of
liquid strike-through time (simulated urine) (ISO 9073-8:1995)

Textiles - Méthodes d'essai pour nontissés - Partie 8:
Détermination du temps de transpercement des liquides
(urine artificielle) (ISO 9073-8:1995)

Textilien - Prüfverfahren für Vliesstoffe - Teil 8:
Bestimmung der Durchdringzeit von Flüssigkeiten
(simulierter Urin) (ISO 9073-8:1995)

This European Standard was approved by CEN on 1 July 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 9073-8:1998

Foreword

The text of the International Standard from Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 January 1999, and conflicting national standards shall be withdrawn at the latest by January 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 9073-8:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 139	1973	Textiles – Standard atmospheres for conditioning and testing	EN 20139	1992
ISO 186	1994	Paper and board – Sampling to determine average quality	EN ISO 186	1996
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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INTERNATIONAL STANDARD

ISO
9073-8

First edition
1995-12-15

Textiles — Test methods for nonwovens —

Part 8:

Determination of liquid strike-through time
(simulated urine)

SIST EN ISO 9073-8:1999

<https://standards.iteh.ai/catalog/standards/sist/d2389522-d829-415c-964f-33d00921ab82/sist-en-iso-9073-8-1999>

Textiles — Méthodes d'essai pour nontissés —

*Partie 8: Détermination du temps de transpercement des liquides
(urine artificielle)*



Reference number
ISO 9073-8:1995(E)

ISO 9073-8:1995(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9073-8 was prepared by Technical Committee ISO/TC 38, *Textiles*.

ISO 9073 consists of the following parts, under the general title *Textiles*:
 — *Test methods for nonwovens*:

- *Part 1: Determination of mass per unit area*
- *Part 2: Determination of thickness*
- *Part 3: Determination of tensile strength and elongation*
- *Part 4: Determination of tear resistance*
- *Part 7: Determination of bending length*
- *Part 8: Determination of liquid strike-through time (simulated urine)*
- *Part 9: Determination of drape coefficient*

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Textiles — Test methods for nonwovens —

Part 8:

Determination of liquid strike-through time (simulated urine)

1 Scope

This part of ISO 9073 specifies a method for measuring the time of liquid (simulated urine) strike-through for nonwoven coverstocks. The method is suitable for making comparisons between different nonwoven coverstocks. It does not simulate in-use conditions for finished products.

NOTE 1 This International Standard describes a test method specific to nonwovens. Other International Standards applicable to textile, paper, plastics, rubber or other materials can also be applied to test certain nonwoven characteristics.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 9073. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9073 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 139:1973, *Textiles — Standard atmospheres for conditioning and testing*.

ISO 186:1994, *Paper and board — Sampling to determine average quality*.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*.

3 Definition

For the purposes of this part of ISO 9073, the following definition applies.

3.1 strike-through time: Time taken for a known volume of liquid, applied to the surface of a piece of nonwoven coverstock with an absorbent pad underneath, to pass through the nonwoven coverstock.

4 Principle

A specified quantity of simulated urine is discharged at a specified rate under specified conditions onto a test piece of nonwoven which is placed on a reference absorbent pad. The time taken for all the liquid to penetrate the nonwoven is measured electronically.

5 Material and reagents

5.1 Reference absorbent pad, consisting of five layers of reference filter paper (100 mm × 100 mm) with the smooth sides uppermost, and having a mean strike-through time in 10 determinations without the nonwoven of $(3 \pm 0,5)$ s.

NOTE 2 Information concerning suitable filter paper may be obtained from:

INDA, 1001 Winstead Drive, Suite 460, Cary, NC 27513, USA;

EDANA, 157 av. Eugène Plasky, B-1040 Brussels.