



SLOVENSKI STANDARD

SIST EN ISO 5079:1999

01-marec-1999

Tekstilije - Vlakna - Ugotavljanje pretržne sile in pretržnega raztezka posameznih vlaken (ISO 5079:1995)

Textiles - Fibres - Determination of breaking force and elongation at break of individual fibres (ISO 5079:1995)

Textilien - Fasern - Bestimmung der Höchstzugkraft und Höchstzugkraftdehnung an Spinnfasern (ISO 5079:1995)

Textiles - Fibres - Détermination de la force de rupture et de l'allongement a la rupture des fibres individuelles (ISO 5079:1995)

<https://standards.iteh.ai/catalog/standards/sist/c1169fe8-6103-449b-ba43-eb34b18a1659/sist-en-iso-5079-1999>

Ta slovenski standard je istoveten z: EN ISO 5079:1995

ICS:

59.060.01 Tekstilna vlakna na splošno Textile fibres in general

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en

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EUROPEAN STANDARD

EN ISO 5084

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1996

ICS 59.080

Descriptors: see ISO document

English version

**Textiles - Determination of thickness of textiles
and textile products (ISO 5084:1996)**Textiles - Détermination de l'épaisseur des
textiles et produits textiles (ISO 5084:1996)Textilien - Bestimmung der Dicke von Textilien
und textilen Erzeugnissen (ISO 5084:1996)**(standards.iteh.ai)**SIST EN ISO 5079:1999<https://standards.iteh.ai/catalog/standards/sist/c1169fe8-6103-449b-ba43-eb34b18a1659/sist-en-iso-5079-1999>

This European Standard was approved by CEN on 1996-07-12. 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.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENEuropean 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 5084:1996

Foreword

The text of the International Standard ISO 5084:1996 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 March 1997, and conflicting national standards shall be withdrawn at the latest by March 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 5084:1996 was 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 20 139	1992

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INTERNATIONAL
STANDARD

ISO
5079

Second edition
1995-12-15

**Textile fibres — Determination of breaking
force and elongation at break of individual
fibres**

iTeh STANDARD PREVIEW

(standards.iteh.ai)
*Fibres textiles — Détermination de la force de rupture et de l'allongement
de rupture des fibres individuelles*

[SIST EN ISO 5079:1999](https://standards.iteh.ai/catalog/standards/sist/c1169fe8-6103-449b-ba43-eb34b18a1659/sist-en-iso-5079-1999)

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eb34b18a1659/sist-en-iso-5079-1999](https://standards.iteh.ai/catalog/standards/sist/c1169fe8-6103-449b-ba43-eb34b18a1659/sist-en-iso-5079-1999)



Reference number
ISO 5079:1995(E)

ISO 5079:1995(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 5079 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 6, *Fibre testing*.

This second edition cancels and replaces the first edition (ISO 5079:1977), which has been technically revised.

Annex A of this International Standard is for information only.

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International Organization for Standardization
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Printed in Switzerland

Textile fibres — Determination of breaking force and elongation at break of individual fibres

1 Scope

This International Standard specifies the method and conditions of test for the determination of the breaking force and elongation at break of individual fibres in the conditioned or wet state.

The determination of these fibre properties, when carried out on different kinds of testing equipment, will not generally give identical results. To avoid such differences, this International Standard is restricted to the use of constant-rate-of-extension testing apparatus.

The method is applicable to all fibres, including crimped fibres, provided that the length of fibre available enables the initial length specified in this International Standard to be used.

NOTE 1 For natural fibres (especially wool and cotton) the breaking test most commonly performed is that of bundles of fibres (see ISO 3060 and IWTO 32-82).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 1130:1975, *Textile fibres — Some methods of sampling for testing*.

ISO 1973:1995, *Textile fibres — Determination of linear density — Gravimetric method and vibroscope method*.

ISO 2602:1980, *Statistical interpretation of test results — Estimation of the mean — Confidence interval*.

ISO 3060:1974, *Textiles — Cotton fibres — Determination of breaking tenacity of flat bundles*.

IWTO 32-82, *Determination of the bundle strength of wool fibres*, International Wool Textile Organization, Brussels.

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 breaking force: Maximum force applied to a test specimen carried to rupture during a tensile test under specified conditions (see A_1 in figure 1).