



# SLOVENSKI STANDARD SIST EN ISO 5077:2009

01-januar-2009

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SIST EN 25077:1996

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**Tekstilije - Ugotavljanje dimenzijskih sprememb pri pranju in sušenju (ISO 5077:2007)**

Textiles - Determination of dimensional change in washing and drying (ISO 5077:2007)

Textilien - Bestimmung der Maßänderung beim Waschen und Trocknen (ISO 5077:2007)

Textiles - Détermination des variations dimensionnelles au lavage et au séchage domestiques (ISO 5077:2007)

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**Ta slovenski standard je istoveten z EN ISO 5077:2008**

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**ICS:**

59.080.01      Tekstilije na splošno      Textiles in general

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 5077**

January 2008

ICS 59.080.01

Supersedes EN 25077:1993

English Version

## Textiles - Determination of dimensional change in washing and drying (ISO 5077:2007)

Textiles - Détermination des variations dimensionnelles au lavage et au séchage domestiques (ISO 5077:2007)

Textilien - Bestimmung der Maßänderung beim Waschen und Trocknen (ISO 5077:2007)

This European Standard was approved by CEN on 29 December 2007.

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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 Management Centre has the same status as the official versions.

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

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**EN ISO 5077:2008 (E)****Foreword**

The text of ISO 5077:2007 has been prepared by Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 5077:2008 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of an identical text or by endorsement, at the latest by July 2008, and conflicting national standards shall be withdrawn at the latest by July 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 25077:1993.

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

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The text of ISO 5077:2007 has been approved by CEN as EN ISO 5077:2008 without any modifications.

INTERNATIONAL  
STANDARD

ISO  
5077

Second edition  
2007-02-15

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**Textiles — Determination of dimensional  
change in washing and drying**

*Textiles — Détermination des variations dimensionnelles au lavage et au  
séchage domestiques*

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Reference number  
ISO 5077:2007(E)

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Published in Switzerland

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5077 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 2, *Cleansing, finishing and water resistance tests*.

This second edition cancels and replaces the first edition (ISO 5077:1984), which has been technically revised.

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# Textiles — Determination of dimensional change in washing and drying

## 1 Scope

This International Standard specifies a method for the determination of the dimensional change of fabrics, garments or other textile articles when subjected to an appropriate combination of specified washing and drying procedures.

In the case of textile articles or deformable materials, it is necessary to exercise all possible caution in the interpretation of the results.

## 2 Normative references

The following referenced documents are indispensable for the application 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 3759, *Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change*

ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing*

## 3 Principle

The specimen is conditioned in the specified standard atmosphere and measured before subjection to the appropriate washing and drying procedures. After drying, conditioning and remeasuring of the specimen, the changes in dimensions are calculated.

## 4 Apparatus and reagents

Use apparatus and reagents as specified in ISO 3759 and ISO 6330.

## 5 Atmospheric conditions

The atmospheric conditions required for conditioning and testing are specified in ISO 139.

## 6 Test specimens

**6.1** The selection, dimensions, marking and measuring of test specimens are specified in ISO 3759.

**6.2** When possible, three specimens from each sample should be used. One or two specimens may be used when insufficient sample is available.