



# SLOVENSKI STANDARD SIST EN ISO 105-C07:2001

01-december-2001

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**Tekstilije - Preskušanje barvne obstojnosti - Del C07: Barvna obstojnost pri vlažnem drgnjenju pigmentno tiskanih tekstilij (ISO 105-C07:1999)**

Textiles - Tests for colour fastness - Part C07: Colour fastness to wet scrubbing of pigment printed textiles (ISO 105-C07:1999)

Textilien - Farbechtheitsprüfungen - Teil C07: Farbechtheit von nassen, pigmentbedruckten Textilien gegen Bürsten (ISO 105-C07:1999)

Textiles - Essais de solidité des couleurs - Partie C07: Solidité des couleurs des textiles teints ou imprimés aux pigments au nettoyage à la brosse mouillée (ISO 105-C07:1999)

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**Ta slovenski standard je istoveten z: EN ISO 105-C07:2001**

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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 105-C07**

June 2001

ICS 59.080.01

English version

**Textiles - Tests for colour fastness - Part C07: Colour fastness  
to wet scrubbing of pigment printed textiles (ISO 105-C07:1999)**

Textiles - Essais de solidité des couleurs - Partie C07:  
Solidité des couleurs des textiles teints ou imprimés aux  
pigments au nettoyage à la brosse mouillée (ISO 105-  
C07:1999)

Textilien - Farbechtheitsprüfungen - Teil C07: Farbechtheit  
von nassen, pigmentbedruckten Textilien gegen Bürsten  
(ISO 105-C07:1999)

This European Standard was approved by CEN on 9 June 2001.

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 Management Centre 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 Management Centre has the same status as the official versions.

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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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## 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 December 2001, and conflicting national standards shall be withdrawn at the latest by December 2001.

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 105-C07:1999 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 (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 105-A01	1994	Textiles - Tests for colour fastness - Part A01: General principles of testing	EN ISO 105-A01	1995
ISO 105-A02	1993	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour	EN ISO 20105-A02	1994
ISO 105-C01	1989	Textiles - Tests for colour fastness - Part C01: Colour fastness to washing - Test 1	EN ISO 20105-C01	1992
ISO 105-C06	1994	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering	EN ISO 105-C06	1997

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# INTERNATIONAL STANDARD

**ISO**  
**105-C07**

First edition  
1999-03-15

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## Textiles — Tests for colour fastness —

### Part C07:

Colour fastness to wet scrubbing of pigment  
printed textiles

*Textiles — Essais de solidité des couleurs —  
Partie C07: Solidité des couleurs des textiles teints ou imprimés aux  
pigments au nettoyage à la brosse mouillée*

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Reference number  
ISO 105-C07:1999(E)

**ISO 105-C07:1999(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 105-C07 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*.

ISO 105 was previously published in thirteen "parts", each designated by a letter (e.g. "Part A"), with publication dates between 1978 and 1985. Each part contained a series of "sections", each designated by the respective part letter and by a two-digit serial number (e.g. "Section A01"). These sections are now being republished as separate documents, themselves designated "parts" but retaining their earlier alphanumeric designations. A complete list of these parts is given in ISO 105-A01.

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# Textiles — Tests for colour fastness —

## Part C07:

### Colour fastness to wet scrubbing of pigment printed textiles

#### 1 Scope

This part of ISO 105 describes a method for determining the colour fastness to wet scrubbing of pigment dyed or pigment printed textiles of all kinds.

The test is not applicable to loose fibres.

#### 2 Normative references

The following standards contains provisions which, through reference in this text, constitute provisions of this part of ISO 105. 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 105 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

[SIST EN ISO 105-C07:2001](https://standards.iso.org/iso/standards/catalogue/allstandards/5aadc12883ad/sist-en-iso-105-c07-2001)

ISO 105-A01:1994, *Textiles — Tests for colour fastness — Part A01: General principles of testing.*

[5aadc12883ad/sist-en-iso-105-c07-2001](https://standards.iso.org/iso/standards/catalogue/allstandards/5aadc12883ad/sist-en-iso-105-c07-2001)

ISO 105-A02:1993, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour.*

ISO 105-C01:1989, *Textiles — Tests for colour fastness — Part C01: Colour fastness to washing: Test 1.*

ISO 105-C06:1994, *Textiles — Tests for colour fastness — Part C06: Colour fastness to commercial and industrial laundering.*

#### 3 Principle

The test specimen is immersed in a soap solution or detergent solution, scrubbed for a specified time with a brush then rinsed and dried. The change in colour of the test specimen is assessed using the grey scale.

#### 4 Apparatus and reagents

**4.1 Testing device**, consisting of a means of wet scrubbing, moving to and fro in a straight line along a 100 mm ± 10 mm track on the test specimen with a force of 9,0 N ± 0,2 N, with approximately one complete to and fro cycle per second. The base board of the device is large enough to clamp on a test specimen of not less than 80 mm × 250 mm.

**4.2 Brush**, consisting of five rows with 13 tufts or 14 tufts per row each with 16 stiff polyamide bristles of 0,36 mm per tuft. The tufts are cut to a uniform length of 15 mm and the distance between tufts is 4 mm. The brush permits a width of scrubbing of 55 mm ± 2 mm. Other brushes similar to the brush described above may be used as long as there is agreement between interested parties and the particular brush used is reported.