

Textiles - Tests for colour fastness - Part C07: Colour fastness to wet scrubbing of pigment printed textiles

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Colour fastness to wet scrubbing of pigment printed
textiles

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 105-C07:2002 sisaldab Euroopa standardi EN ISO 105-C07:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.01.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 105-C07:2002 consists of the English text of the European standard EN ISO 105-C07:2001.</p> <p>This document is endorsed on 16.01.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This part of EN ISO 105 describes a meyhod 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.</p>	<p>Scope:</p> <p>This part of EN ISO 105 describes a meyhod 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.</p>
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ICS 59.080.01

Võtmesõnad: colour fastness, colour-fastness tests, dyes, scrubbing, tests, textiles

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 2001-06-09.

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.

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 Management Centre has the same status as the official versions.

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

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

Foreword

International Standard

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

which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 248 'Textiles and textile products', the Secretariat of which is held by BSI, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by December 2001 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 105-C07 : 1999 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

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.

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

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 $100\text{ mm} \pm 10\text{ mm}$ track on the test specimen with a force of $9,0\text{ N} \pm 0,2\text{ N}$, 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 $80\text{ mm} \times 250\text{ mm}$.

4.2 Brush, consisting of five rows with 13 tufts or 14 tufts per row each with 16 stiff polyamide bristles of $0,36\text{ mm}$ 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 $55\text{ mm} \pm 2\text{ mm}$. 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.