

**Footwear - Test methods for whole shoe -
Washability in a domestic washing
machine**

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Washability in a domestic washing machine

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 19954:2003 sisaldab Euroopa standardi EN ISO 19954:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 14.10.2003 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 19954:2003 consists of the English text of the European standard EN ISO 19954:2003.</p> <p>This document is endorsed on 14.10.2003 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: This draft standard specifies a test method for the evaluation of the behaviour of footwear when subjected to domestic washing. The evaluation is based upon the modification of some characteristics measured before and after washing</p>	<p>Scope: This draft standard specifies a test method for the evaluation of the behaviour of footwear when subjected to domestic washing. The evaluation is based upon the modification of some characteristics measured before and after washing</p>
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ICS 61.060

Võtmesõnad: adhesive strength, colour changes, damage, determination, dimensional changes, fitness for purpose, operating requirements, shoe manufacture, shoes, testing, wash resistance, washability, washing, washing machines, washing tests

ICS 61.060

English version

Footwear

Test methods for whole shoe

Washability in a domestic washing machine

(ISO 19954 : 2003)

Chaussures – Méthodes d'essai
s'appliquant à la chaussure entière –
Lavabilité au lavage domestique
(ISO 19954 : 2003)

Schuhe – Prüfverfahren für fertige
Schuhe – Prüfverfahren in einer
Haushaltswaschmaschine
(ISO 19954 : 2003)

This European Standard was approved by CEN on 2003-05-16.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, 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 19954 : 2002 Footwear – Test methods for whole shoe – Washability in a domestic washing machine, which was prepared by ISO/TC 216 'Footwear' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 309 'Footwear', the Secretariat of which is held by AENOR, 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 January 2004 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 19954 : 2003 was approved by CEN as a European Standard without any modification.

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1 Scope

This European Standard specifies a test method for the evaluation of the behaviour of footwear when subjected to domestic washing. The evaluation is based upon the modification of some characteristics measured before and after washing.

This European Standard specifies a method of domestic washing adapted to all types of footwear.

2 Normative references

This European Standard incorporates by dated or undated references, 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).

EN 12222, *Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear.*

EN ISO 6330, *Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2000).*

EN ISO 17708, *Footwear - Test methods for whole shoe - Upper sole adhesion (ISO 17708:2003).*

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

ISO 105-A03, *Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining.*

3 Apparatus and material to be used

3.1 Washing machine

A washing machine complying with 3.1.1 to 3.1.4. Other equipment can be used provided that it gives identical results to the machine described in this subclause.

3.1.1 General

The washing machine used should correspond to machine type A1 as described in EN ISO 6330.