



**SLOVENSKI STANDARD**  
**SIST EN ISO 5402-1:2012**

**01-marec-2012**

**Nadomešča:**  
**SIST EN ISO 5402:2003**

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**Usnje - Ugotavljanje odpornosti proti upogibanju - 1. del: Metoda fleksimetra (ISO 5402-1:2011)**

Leather - Determination of flex resistance - Part 1: Flexometer method (ISO 5402-1:2011)

Leder - Bestimmung der Dauerbiegefestigkeit - Teil 1: Flexometer-Verfahren (ISO 5402-1:2011)

Cuir - Détermination de la résistance à la flexion - Partie 1: Méthode au flexomètre (ISO 5402-1:2011)

<https://standards.iteh.ai/catalog/standards/sist/d57faca9-6485-4703-bfe7-bcc1dd6dc871/sist-en-iso-5402-1-2012>

**Ta slovenski standard je istoveten z: EN ISO 5402-1:2011**

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**ICS:**

59.140.30 Usnje in krzno Leather and furs

**SIST EN ISO 5402-1:2012 en,fr**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 5402-1**

December 2011

ICS 59.140.30

Supersedes EN ISO 5402:2002

English Version

**Leather - Determination of flex resistance - Part 1: Flexometer  
method (ISO 5402-1:2011)**

Cuir - Détermination de la résistance à la flexion - Partie 1:  
Méthode au flexomètre (ISO 5402-1:2011)

Leder - Bestimmung der Dauerbiegefestigkeit - Teil 1:  
Flexometer-Verfahren (ISO 5402-1:2011)

This European Standard was approved by CEN on 14 December 2011.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, 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 United Kingdom.

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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

**Contents**

Page

Foreword.....3

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

[SIST EN ISO 5402-1:2012](https://standards.iteh.ai/catalog/standards/sist/d57faca9-6485-4703-bfe7-bcc1dd6dc871/sist-en-iso-5402-1-2012)

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## Foreword

This document (EN ISO 5402-1:2011) has been prepared by Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI, in collaboration with IULTCS "International Union of Leather Technologists and Chemists Societies".

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 June 2012, and conflicting national standards shall be withdrawn at the latest by June 2012.

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 ISO 5402:2002.

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, Croatia, 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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INTERNATIONAL  
STANDARD

ISO  
5402-1

IULTCS/IUP  
20-1

First edition  
2011-12-15

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Leather — Determination of flex  
resistance —

Part 1:  
Flexometer method

*Cuir — Détermination de la résistance à la flexion —*

*Partie 1: Méthode au flexomètre*

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Reference number  
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## 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 5402-1 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, in collaboration with the Physical Test Commission of the International Union of Leather Technologists and Chemists Societies (IUP Commission, IULTCS), in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

IULTCS, originally formed in 1897, is a world-wide organization of professional leather societies to further the advancement of leather science and technology. IULTCS has three Commissions, which are responsible for establishing international methods for the sampling and testing of leather. ISO recognizes IULTCS as an international standardizing body for the preparation of test methods for leather.

This first edition of ISO 5402-1 cancels and replaces ISO 5402:2002. Subclauses 4.1.1, 4.8, 4.9, 4.10, 5.1, 6.6 and 6.10 have been technically revised.

ISO 5402 consists of the following part, under the general title *Leather — Determination of flex resistance*:

— *Part 1: Flexometer method*

The following part is planned:

— *Part 2: Vamp flex method*