



SLOVENSKI STANDARD

SIST EN ISO 2419:2006

01-maj-2006

BUXca Yý U
SIST EN ISO 2419:2003

Usnje – Fizikalni in mehanski preskusi – Priprava in kondicioniranje vzorca (ISO 2419:2006)

Leather - Physical and mechanical tests - Sample preparation and conditioning (ISO 2419:2006)

Leder - Physikalische und mechanische Prüfungen - Probenvorbereitung und Konditionierung (ISO 2419:2006)

Cuir - Essais physiques et mécaniques - Préparation et conditionnement des échantillons (ISO 2419:2006)

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ICS:

59.140.30 Usnje in krzno

Leather and furs

SIST EN ISO 2419:2006

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 2419

January 2006

ICS 59.140.30

Supersedes EN ISO 2419:2002

English Version

**Leather - Physical and mechanical tests - Sample preparation
and conditioning (ISO 2419:2006)**

Cuir - Essais physiques et mécaniques - Préparation et
conditionnement des échantillons (ISO 2419:2006)

Leder - Physikalische und mechanische Prüfungen -
Probenvorbereitung und Konditionierung (ISO 2419:2006)

This European Standard was approved by CEN on 2 January 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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CEN members are the national standards bodies of Austria, Belgium, 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: rue de Stassart, 36 B-1050 Brussels

EN ISO 2419:2006 (E)**Foreword**

This document (EN ISO 2419:2006) has been prepared by Technical Committee IULTCS "the International Union of Leather Technologists and Chemists Societies" in collaboration with Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI.

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 2006, and conflicting national standards shall be withdrawn at the latest by July 2006.

This document supersedes EN ISO 2419:2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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.

Endorsement notice

The text of ISO 2419:2006 has been approved by CEN as EN ISO 2419:2006 without any modifications.

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INTERNATIONAL
STANDARD

ISO
2419

IULTCS/
IUP 1 and
IUP 3

Third edition
2006-01-15

**Leather — Physical and mechanical
tests — Sample preparation and
conditioning**

*Cuir — Essais physiques et mécaniques — Préparation et
conditionnement des échantillons*

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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 2419 was prepared by the Physical Test Commission of the International Union of Leather Technologists and Chemists Societies (IUP Commission, IULTCS) in collaboration with the European Committee for Standardisation (CEN) Technical Committee CEN/TC 289, *Leather*, the secretariat of which is held by UNI, in accordance with the agreement on technical co-operation between ISO and CEN (Vienna Agreement). It is based on IUP 1 and IUP 3 originally published in *J. Soc. Leather Trades Chemists* **42**, p. 382, (1958) and **42**, p. 386, (1958) respectively and declared official methods of the IULTCS in 1959. Updated versions were published in *J. Soc. Leather Tech. Chem.* **82**, p. 199, (1998) and further revisions published in *J. Soc. Leather Tech Chem.* **84**, p. 241, (2000) and reconfirmed as official methods in March 2001. A further revision of IUP 3 was published in *J. Soc. Leather Tech. Chem.* **83**, p. 337, (2002) which was confirmed as an official method in May 2003.

This third edition cancels and replaces the second edition (ISO 2419:2002), which has been technically revised.

IULTCS, originally formed in 1897, is a world-wide organisation 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 sampling and the testing of leather. ISO recognises IULTCS as an International Standardising Body for the preparation of test methods for leather.

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Leather — Physical and mechanical tests — Sample preparation and conditioning

1 Scope

This International Standard specifies the preparation of leather test pieces for physical and mechanical testing together with two standard atmospheres for conditioning and testing. It is applicable to all types of dry leather.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

atmosphere

ambient conditions defined by the parameters temperature and relative humidity

2.2

standard atmosphere

atmosphere maintained within prescribed tolerances, in which a test piece is kept for a given period of time before being subjected to testing

2.3

conditioning

operation designed to bring a test piece into a specified condition in relation to temperature and relative humidity by keeping it for a given period of time in the standard atmosphere with free access of moving air to all surfaces

3 Standard atmospheres

The standard atmospheres and tolerances shall be as given in Table 1.

Table 1 — Standard atmospheres and tolerances

Designation	Temperature °C	Relative humidity %
23/50	23 ± 2	50 ± 5
An alternative, but not equivalent, set of conditions may be used.		
20/65	20 ± 2	65 ± 5