

STN	Usne Fyzikálne a mechanické skúšky Stanovenie objemovej hmotnosti a hmotnosti na jednotku plochy (ISO 2420: 2017)	STN EN ISO 2420 79 3810
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Leather - Physical and mechanical tests - Determination of apparent density and mass per unit area (ISO 2420:2017)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/17

Obsahuje: EN ISO 2420:2017, ISO 2420:2017

Oznámením tejto normy sa ruší
STN EN ISO 2420 (79 3810) z júna 2003

124929

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN ISO 2420

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 59.140.30

Supersedes EN ISO 2420:2002

English Version

Leather - Physical and mechanical tests - Determination of apparent density and mass per unit area (ISO 2420:2017)

Cuir - Essais physiques et mécaniques - Détermination de la masse volumique apparente et de la masse surfacique (ISO 2420:2017)

Leder - Physikalische und mechanische Prüfungen - Bestimmung der Rohdichte und der flächenbezogenen Masse (ISO 2420:2017)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN ISO 2420:2017) has been prepared by Technical Committee IULTCS "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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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 2420:2002.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 2420:2017 has been approved by CEN as EN ISO 2420:2017 without any modification.

STN EN ISO 2420: 2017
**INTERNATIONAL
STANDARD**

**ISO
2420**

IULTCS/IUP 5

Third edition
2017-02

**Leather — Physical and mechanical
tests — Determination of apparent
density and mass per unit area**

*Cuir — Essais physiques et mécaniques — Détermination de la masse
volumique apparente et de la masse surfacique*



Reference numbers
ISO 2420:2017(E)
IULTCS/IUP 5:2017(E)

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

ISO 2420 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 Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, the secretariat of which is held by UNI, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

It is based on IUP 5 originally published in *J. Soc. Leather Trades Chemists*, **42**, p. 388, (1958), and declared an official method of the IULTCS in 1959. An updated version was published in *J. Soc. Leather Tech. Chem.*, **82**, p. 227, (1998) and a further revision was published in *J. Soc. Leather Tech. Chem.* **84**, p. 313, (2000) and reconfirmed as an official method in March 2001.

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 third edition cancels and replaces the second edition (ISO 2420:2002), which has been technically revised with the following changes:

- the mass per unit area has been included;
- the option to use square test pieces has been included.

Leather — Physical and mechanical tests — Determination of apparent density and mass per unit area

1 Scope

This document specifies a method for determining the apparent density and the mass per unit area of leather. It is applicable to all leathers.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2418, *Leather — Chemical, physical and mechanical and fastness tests — Sampling location*

ISO 2419, *Leather — Physical and mechanical tests — Sample preparation and conditioning*

ISO 2589, *Leather — Physical and mechanical tests — Determination of thickness*

EN 15987, *Leather — Terminology — Key definitions for the leather trade*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN